1 12 12 1

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)			
	REPORT NO.	079	
PROJECT	DATE	03 January, 00	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR	WEATHER	Rainy, Temp. 50°F	
O'Brien Gere			

CQC Inspection phases attended and instruction given:

- 1) Slug Testing: No work today.
- 2) Downgradient Alluvial Aquifer Sampling: This task is complete.
- 3) Sediment Sampling: Performing sediment depth measurements at cross sections for Creek Segment F by driving a 2 inch diameter clear tube 3 to 4 feet deep into the ground then marking the color changes for the different layers. It looks like about 12 to 15 inches of sediment in these areas. No samples are being collected at this time they are only recording the sediment depths.

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) The collection of sediment samples has not started yet although OBG is preparing for this activity and getting everything ready to begin.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO YES finding of fact?

1) Piezometers for the Slug Tests are being installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) None

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)				
) None				
EMARKS: (Include visitors to project ar	nd miscellaneous r	emarks pertinent to	o work.)	
EMARKS: (Include visitors to project as	nd miscellaneous r	remarks pertinent to	o work.)	
EMARKS: (Include visitors to project and include visitors)	nd miscellaneous r	emarks pertinent to	o work.)	
			o work.)	
EMARKS: (Include visitors to project and inspectors's signiture	nd miscellaneous r	supervisor's	o work.)	

Sedment Depth Measurments at CS tubes are (() (()

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DAILY WORK LOG

DATE <u>03 JAN/2000</u>

PROJECT NAME	Solutio - Saug	et Area/	PROJECT LOCATION	Creek seg. F
WEATHER CA	udy	PRECIPITATIO	ON a.m. Tech	TEMPERATURE -50%
NUMBER OF HOU	IRS WORKED	36	NUMBER OF EMPLOYEE	ES <u>4</u>
2 INSTRUCTION 3 INSTRUCTION 4 DEVIATIONS 5 VISITORS (NA 5 EQUIPMENT 7 LUNCH MEET 8 UNUSUAL EV 9 REMARKS	NS RECEIVED FROM S RECEIVED FR	DM SOLUTIA DM USEPA DD, STORM, LABOR	DISPUTES, ETC)-	5p# 5.20)
O None O None O None	risiteus los			
		gnip., sod dept	z equip.	
· Creek	ed in the FSA cross-sections	will be perform	are being performed	performed by the surveyor By OSG depth measurements are
	C4 : K E.	. Pervy Kemper	63 JAN 2010 @ 1700	
	L SPACE IS REQU		DEHaverd's & DE PRINTED NAME I SIGNI	Howerful / 03 JAN 2000 ATURE OF PREPARER / DATE

SAFETY MEETING FORM (sediment sampling)

CONDUCTED BY / COMPANY	Haverdink / O'Brien - Gere	
PROJECT NAME Solutia - Saug	get Area PROJECT LOCATIO	N Creek segments F+E
WEATHER Cloudy	PRECIPITATION q.M. Fach	TEMPERATURE ~40°F
NUMBER OF HOURS WORKED	NUMBER OF EMPL	DYEES
1 SCHEDULED WORK: 2 REFERENCES TO APPROPRIATE 3 HEALTH AND SAFETY ISSUES V 4 SPECIFIC HEALTH AND SAFETY 5 COMMENTS	WITH SCHEDULED WORK:	
(1) Sodiment Sampling -	sed. depth measurements and/or s	taking in CS-F and/or-E
Q FSP # 5.20	HASP # 2.9	
Noise from driving tubes		the bank; muscle strain;
breathing zone using the or noise dempening Suggregate wastes, gross	ubbar books or waders (dependering sampling, chemical resistate PTD, life years in water eguilo-decon before leaving creek	over 2 ft. deep, hearing protection
ALLA SPACINA IN TURBO	of t Medicles Code.	
alea, smoking in suppor	of peride only	
ATTENDANCE		
ATTENDANCE EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY JEC: /
ATTENDANCE EMPLOYEE NAME (print) Lick Jenkins		COMPANY YFGJ 013 G
ATTENDANCE EMPLOYEE NAME (print) Gick Kenthus Ack Jenkhus Cacin Mace Nizamy		7.KU 013.G OB G
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ATTENDANCE EMPLOYEE NAME (print) Girk Kinnin Aick Jenkins Crain Walle Nichmy Günberlig Per William E. Wrigh +	EMPLOYEE SIGNATURE Alan Of John African Africant	256 036 035 5672 066
ATTENDANCE EMPLOYEE NAME (print) Girk Kinnin Aick Jenkins Crain Walle Nichmy Günberlig Per William E. Wrigh +	EMPLOYEE SIGNATURE Ship of John Of JANIOU @ 05 IRED. DE Haverdink/	ORS SILTER COUL

WORK FORECAST

	ork Forecast for the day/week: 04-01-2000 Date: 03-01-20	
Pro	oject Name: SOLUTIA, SAUGET, ARCAT Project Location: SAUGET, TL	<u>'</u>
Co	mpany Name: OBRICN & GERE	
	List Work Items and Locations Scheduled for Next Day/Week: Control depth measure late in Creek Degral Perform slug test I perometer instalation what y out 6 continget upon surface condition had heavy main and cold theyprolives survey mid	- 'U
		
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	PERRY 3-1-8000 A 1700	
E.	Kemper	
tr	ADDITONAL SPACE IS REQUIRED. RECORD ON REVERSE SIDE COCIN WELLENKAM Name/Signature/Date of Preparer 10000000000000000000000000000000000	

SITE VISITOR LOG

Solutia Inc.
Sauget Area 1
(Please Print)

	Date	Name	Organization	Phone #	Time In	Time Out
	1/3/00	aukonyfern	So/ctra	314-674-3402		1240
	1-2.00	N. Junking	0h G	314945 4260	0700	
Ļ	1-3-00	Derek Rubert!	Enhalia Palice Pech	(618) 337-9505	0700	0930
		Dave Hawardink	186 ·	74-280-6425	0705	1700
/	3-2000	COLIN WELLENIZHMO	<u> </u>	842-4550	0705	90ri
,	-3. 2570	William E. Wright	0,34	280-6434		1700
	1-3-40	Tin Colile	Hamss			8:40
ļ	-3-2000	COLD D. HK	MARRIS		07:4	3.40
-		Alken Fars	Real	314 724 7732	840	1600
-	1-3	DONNIEGES	MAURICE		12305	
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INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302) THE OCR WILL BE ATTACHED TO OR FILED WILL DE ATTACHED		-
	REPORT NO.	080
PROJECT	DATE	04 January, 00
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.	
CONTRACTOR	WEATHER	Cloudy/Flurries, Temp. 25°F
O'Brien Gere		

CQC Inspection phases attended and instruction given:

- 1: Slug Testing: No work today.
- 2) Sediment Sampling: Performing sediment depth measurements at cross sections for Creek Segment F by driving a 2 inch diameter clear tube 3 to 4 feet deep into the ground then marking the color changes for the different layers. It looks like about 12 to 15 inches of sediment in these areas. No samples are being collected at this time they are only recording the sediment depths.

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) The collection of sediment samples has not started yet although OBG is preparing for this activity and getting everything ready to begin.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO \underline{YES} finding of fact?

1) Piezometers for the Slug Tests are being installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) None

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)					
1; None					
REMARKS: (Include visitors to project and misc	cellaneous r	emarks pertinent to wor	rk.)		
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE		
	01-04-00				
<i>9</i>					

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DAILY WORK LOG

					DATE 04	LAN DO	2
PROJECT NAME $\underline{\lambda}$	EHave dink /	5. Bre Kere	PPOJECT LO	CATION	C5-F		
VEATHER WINDY	+ cloudy	PRECIPITATIO	ON Steet	flumes	TEMPER	PATURE 5	-25°F
•	S WORKED		,				
1 ITEMS WORKED			A. TO STA. FOI	REMAN)			
2 INSTRUCTIONS							
4 DEVIATIONS	RECEIVED FROM L	JOEPA				·	
5 VISITORS (NAMI	ES & TITLES)						
6 EQUIPMENT							
7 LUNCH MEETING 3 UNUSUAL EVEN		STORM LABOR	DISDLITES ET	·C \			
9 REMARKS:	ITS [FIRE, PLUOD, S	STORINI, LABOR	DISPUTES, ET	<u> </u>	- ··-		
(1) Hatorman	sad depth ~	reasure ments	12 CS-F	; stations	5/-525	complete	<u>/ /w</u>
date in	<u> </u>	·			· · · · · · · · · · · · · · · · · ·		
2 None							
3 None			-				
(y) None							
15) See visito	~ /- ·						
15) See visito	12 109					·	
6 Support ve	hicles, sed. de	oth measureme	at equip.	45 equip.			
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3 Nove 8 Nove None							
None							
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	E. Famper	@ 1530					
							
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	N REVERSE SIDE	·-·	PRINTED NA	ME / SIGNAT	URE OF PRE	PARER / D	ATE

WORK FORECAST

Work Forecast for the day week: 1-5-2000 Date: 1-4-2000	
Project Name: Solutia, INC SAUGET Project Location: SAUGET, IL	
Company Name: O'BR. EN & Gene	
1. List Work Items and Locations Scheduled for Next Day/Week:	
- Continue codenent dopt sincered in creek agreet	
- Fossible stating in cresh segrent E	
Or site conditions for prometer notification, depending	
CC: R. PERRY 1530 1-4-8000 F. REMISER	
If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE ADDITONAL SPACE IS REQUIRED, Name/Signature/Date of Preparer Colin well entermy/1-74-20	~~

SAFETY MEETING FORM (sediment sampling)

ONDUCTED BY / COMPANY	DE Havesdink/	O'Brien & Gove	DATE <i>09 JAN 00</i>
ROJECT NAME Solutio -	•		Cicek segment F
EATHER Cloudy & Windy	PRECIPITA	TION <u>none</u>	TEMPERATURE ~ 30%
UMBER OF HOURS WORKE		NUMBER OF EMPLOYE	ES
SCHEDULED WORK: REFERENCES TO APPRO	PRIATE SECTION OF F	SP & HASP	
3 HEALTH AND SAFETY IS SPECIFIC HEALTH AND S.	SUES WITH SCHEDUL	ED WORK	
COMMENTS			
Sediment sampling	g - sed depth mea	sure meats	
FSP \$ 5.20	HASP #	2. 9	
Potential contact	with impacted	sediment + water :	breathing of impacted
Vapois; slips/	trips / fells int	to water or down th	bank; muscle strain;
noise; cold wear	ther effects		
PRE is level D w	ith tubber books of	or the ders / desending	a creek (anditions)
trucks or aprens	during Sampling	Chemical resistant	on creek conditions) and gloves, air monitoring in or 2 ft. deep, noise damp
breathing zone w	sing the PID . It	vests in Water ove	- 2 ft. deep, noise Harris
or ear plags, use	work - warning row	tine.	
\			
Sogregate wastes,	gross equip. decon	before leaving creek,	drive with coutin in the
area, smoking in	support vehides confu		
	· · · · ·		
TENDANCE	5.454.0345.5		00161111
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Sen LAFFERTY	NO PROPERTY	The state of	
Due Have dink	Have V	west a	
Villians E. Warant	Hillian E	in let	0.56
lick leukins	Mr. Back	Creek	066
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(c: K. He)	TY 04 SANOO		<u>,</u>
E. Kenp	C 0 1530		
.=		DC11 /Acc	7/ .//
IF ADDITIONAL SPACE IS	- ·	DE Haverdink /DEG	Have dove
RECORD ON REVERS	CL CIDE		
	DE SIDE	PRINTELYNAME / S	IGNATURE OF PREPARER
	DE SIDE		IGNATURE OF PREPARER
	se side		DATE

SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time in	Time Out
14/00	Janky Penn	Solita	\$14 67 43402	0635	1815
14/10	Ken/AKOGEN	Solutia MANURICIC		6700	
1/4/07	LETT KINGES 447	CAPACIA PS		3)00	80n
-4-2000	Coxid WELLENKAM	[?]	842 -1550	0,200	1515
1-4	Dave Haverdink	OPG	34-280-6435	0705	1515
1.4-20W	Mick Jonkins	ن در در	314 512 4550	2705	1515
1-4-2000	Bill World	0136 -	314 DEU-643C1	0715	1515
-4.200	Chad De Han	Hamiss		07:20	0700
1-4-1000	Chris Du Hen	HACKICS		072	0800
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INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	081	
PROJECT	DATE	05 January, 00	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR	WEATHER	Clear, Temp. 35°F	
O'Brien Gere			

CQC Inspection phases attended and instruction given:

- 1) Slug Testing: No work today due to illness of geologist. Location of Site "G" Slug Test is approximately 400 feet west of the western boundary fence of Site G.
- 2) Sediment Sampling: Performing sediment depth measurements at cross sections for Creek Segment F by driving a 2 inch diameter clear tube 3 to 4 feet deep into the ground then marking the color changes for the different layers. It looks like about 12 to 15 inches of sediment in these areas. No samples are being collected at this time they are only recording the sediment depths.

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) The collection of sediment samples has not started yet although OBG is preparing for this activity and getting everything ready to begin.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO \underline{YSS} finding of fact?

1) Piezometers for the Slug Tests are being installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) None

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)						
1) Mone						
REMARKS: (Include visitors to project and misc	ellaneous re	emarks pertinent to wor	:k.)			
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE			
	01-05-00					

Jan 5

Sedment depth measurements

DAILY WORK LOG

	DATE OS JANOO
PROJECT NAME Solutia - Souget Area / PROJEC	TLOCATION <u>CS-F, W. 6FG</u>
WEATHER Clear PRECIPITATION 1	
NUMBER OF HOURS WORKED NUMBER	R OF EMPLOYEES
1 ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA. 2 INSTRUCTIONS RECEIVED FROM SOLUTIA 3 INSTRUCTIONS RECEIVED FROM USEPA 4 DEVIATIONS 5 VISITORS (NAMES & TITLES) 6 EQUIPMENT 7 LUNCH MEETING COMMENTS: 8 UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTE: 9 REMARKS: 1 Set up drill rig to farform boxing for med a	S. ETC.)
- Performed sed depth measurements from	
2 F. Perry upproved location of slug test pie	
3 None 4 None	
5) See visitous ley	
(5) I drill rig, support vehicles, Hx Seguis.,	ed depte equip.
1) Nove Nove	
(a) None	
E. Kimpes @1820	
IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE PRINTE	D NAME I SIGNATURE OF PREPARER I DATE

SAFETY MEETING FORM
(Piezonefer installation for slug tests)

CONDUCTED BY / COMPANY :_	DE Havesdiak/	O'Brien + Gere	DATE OS JAN 00
PROJECT NAME Solutia -S	,	PROJECT LOCATION	41.046
WEATHER <u>Leas</u>	•	TION NOTE	TEMPERATURE ~20%
NUMBER OF HOURS WORKED		NUMBER OF EMPLOYE	ES
SCHEDULED WORK: REFERENCES TO APPROP HEALTH AND SAFETY ISS SPECIFIC HEALTH AND SA COMMENTS:	UES WITH SCHEDUL	ED WORK:	
(1) Prezoneter installat	ion for slug testing		
(2) FSP # 5.14	HASP#2.6	(generally explicable)	
PPE is modified ! Respirator on head daily basis and	erel D u/air moni if upgrade to level repair as needed	toring in breating zone (C is necessary; Wasming breaks us	ARESULTIZED lines, Adise, CO. impacted upports from the effects. using PID, RAM 4-gas; distler to inspect tig on appropriate les; smaking in relicles
ATTENDANCE EMPLOYEE NAME (print)	EMP) QYEZ-S	SIGNATURE	COMPANY
Tim Crank	The teacher of the te	M. Lutt	HALPES
Kinded y Perr ?	Sign's Const	A STATE OF THE STA	Cabokia P.D. Section MAUSICKE
CC: K. Perry E. Kemper	05 NNIO 0 1820		
		D-11 . 1 8	521
IF ADDITIONAL SPACE IS F RECORD ON REVERS		PRINTED NAME / S 05 JAN	GRATURE OF PREPARER
till the second			

SAFETY MEETING FORM (Sediment Sampling)

INDUCTED BY COMPANY	7, 11		DATE <u>05 JAN 00</u>
	It Hawsdak	10'Brien Gere	
OJECT NAME Solution.		,	CS-F. possibly CS-E
	•		. ,
EATHER <u>//eat</u>	PRECIPIT	ATION NOAR	TEMPERATURE <u>v.2</u> 0
MBER OF HOURS WORKED		NUMBER OF EMPLOYE	ES
			~~
SCHEDULED WORK			
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SPECIFIC HEALTH AND SAI			
COMMENTS			
S (4	m / / H .		J. 4 .
BALAST SURJING	- sea- acpin r	measurements and/or si	- Zing
FSP # 5.20	HASP	#2.9	
Potential contest	341		10040
Ve BOLS : S/:OS /	HINS / G//s is	sediment + water;	back MUSCLE Strain
noise; cold weath	er effects		, , , , , , , , , , , , , , , , , , ,
20-			
PPE is level D wi	the rubber books	or waders (depending a	n creek conditions)
trucks or aprons	during Samplin	a Chemical resistant	gloves, air monitoring , it 2 ft. deep, noise
de mara in luar min	My The PID A	Objected use continue	T & Tr. Gree holse
<u> </u>	MELLY WS EX	profitate, use caution or	1790 /A C. G.
Sparecate Waster	acass eaulh. deca	- lafre legion creek	drive with coution in the
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TENDANCE			
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	EMPLOYEE	SIGNATURE	COMPANY
ek Jen kih s	EMPLOYEE Nick In	SIGNATURE	O'Brien & Gere
ek len kin s	EMPLOYEE Nick In John S	SIGNATURE	O'Avien & Gere Oh G GLokio P.D.
ek len kins of: N Wellen Hamps What & Jannys	EMPLOYEE Nicks Jan Stlan S Links Jan Lin	SIGNATURE	O'Arien & Gere
ek Jen kins DI: N Welle NY19MP Hart A Jennins	EMPLOYEE Nick In Solve S Link S Link S	SIGNATURE	O'Avien & Gere Oh G GLokio P.D.
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ek len kins or; N Wellenklamp Hart 4 Jannys in ben 7 Jerry	EMPLOYEE Nick In Strong S List I	SIGNATURE	O'Avien & Gere Oh G GLokio P.D.
ek len kins OL: N WOLLENHAMP Hert A Jennins Amberl 7 Perry KEN LAFFERTY	Stlen S	SIGNATURE	O'Avien & Gere Oh G GLokio P.D.
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ek len kins OL; N Wellen Hamp Varit A Jennings A just ber 7 Perry Ken LAFFERTY	Stless Straight	SIGNATURE	O'Avien & Gere Oh G GLokio P.D.
ek len kins Di i Welle Notamp Hert 1 Jannings Lin ber 7 Perry Ken LAFFERTY	Stless Straight	SIGNATURE	O'Avien & Gere Oh G GLokio P.D.
DI; N WELLENHAMA Hart A Jennings Limber 7 Perry KEN LAFFERTY	Stless Straight	SIGNATURE	O'Avien & Gere Oh G GLokio P.D.
ek len kins OL: N WOLLENHAMP Hert A Jennins Amberl 7 Perry KEN LAFFERTY	Stless Straight	And	O'Kvien & Gere O'K & Gere O'K & P.D. S.LATM MALEXIKE
CC: K. PETTY E. KOMPET IF ADDITIONAL SPACE IS R	I S AND E IRLO	DE Haverdink /S	O'Avien & Gere O'Avien & Gere O'Avien & Gere O'Avien P.D. Safatra A'AVERIKE EHaverlow
ck len kins OL: N WOLLENHAMP Vlant & Jennings All berl 7 Perry Ken LAFFERTY E. Kemper	I S AND E IRLO	And	O'Avien & Gere O'Avien & Gere O'Avien & Gere O'Avien & P.D. Safatra A'AVERICK E Haverlow 1
CC: K. PETTY E. KOMPET IF ADDITIONAL SPACE IS R	I S AND E IRLO	DE Haverdink S PRINTED NAME / S	O'Skien & Gere O'Skie P. D. Sylato ALEXIKE Ellawan IGNATURE OF PREPARER
CC: K. PETTY E. KOMPET IF ADDITIONAL SPACE IS R	I S AND E IRLO	DE Haverdink /S	O'Avien & Gere O'Avien & Gere O'Avien & Gere O'Avien & P.D. Sylaton ALLERICK Ellawan IGNATURE OF PREPARER

WORK FORECAST

Work Forecast for the day week: OS JANOO Date: OS JANOO	
Project Name: Solutia - Sauger Aea / Project Location: CS-F, CS-E	
Company Name: O' Break Gove	
1. List Work Items and Locations Scheduled for Next Day/Week:	
Begin logging deep bosing (to 80 fbg) for slug test piez. installation W. of 5.26	
· Continue sed. depth measurement in CS-F.	
- Begin surveying of creek cross-sections in GS-F and other sampling points previously sampled	
· Begin staking sampling locations in CS-E	
E. Kimper @ 1820	
DE Haverdink / DE Howen Sin / 05 MA	
If ADDITONAL SPACE IS REQUIRED, Name/Signature/Date of Preparer RECORD ON REVERSE SIDE	cszt.

If ADDITONAL SPACE IS REQUIRED, **RECORD ON REVERSE SIDE**

SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time In	Time Out
1700	19mbrit 7 Perso	Soldie C. Noko III	314-674-3402 618 ::7-670'	0640	1132
1-50,	Elbert Jums	Clyholles Pla	618 : 7-476'	ac 55	0915
1-5-00	Nick Jen Lins	615(-	314845 4676	خدعع	15.00
15	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			005	
1-5	Dave Howeding	۵۵۵	314. 580 6435	0708	18-00
5-1.97	Dave Have dink Oxill Neilen XAM Tim Crail Chad Date	Hirriss Horris	572-4550	0708	1800
1-5	Tim Cranke	Harres		07 25	
1.5	Chad Dotte	Home		07.25	J910
<u> </u>					

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	082	
PROJECT	DATE	06 January, 00	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR	WEATHER	Clear, Temp. 35°F	
O'Brien Gere			
	L		

CQC Inspection phases attended and instruction given:

- 1) Slug Testing: Started boring for deep well west of Site "G"
- 2) **Sediment Sampling:** Finished measuring depths of sediment for CS-F, continue to stake locations for CS-E.

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) The collection of sediment samples has not started yet although OBG is preparing for this activity and getting everything ready to begin.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO \underline{YES} finding of fact?

1) Piezometers for the Slug Tests are being installed outside the fill areas, the FSF section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) None

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)

1) None				
REMARKS:	(Include visitors to project	and miscellaneous r	emarks pertinent to	work.)
			-	
			-	
			-	
			_	
	INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
	INSPECTORS'S SIGNITURE		SUPERVISOR'S	DATE

9

Finished receiding dupts is CS. F and now on to CS- E

DAILY WORK LOG

DATE DE VAN DO

PRO.	JECT NAME	Solutia- So	juget Area!	PROJECT LOCATI	ON <u>CS- F+E</u>	, W.of G
				TION NONE		
NUM	BER OF HOU	JRS WORKED _	39	NUMBER OF EMPL	OYEES5_	-
1 1	TEMS WORK	KED ON (ITEM N	O., DESCRIPTION, S	TA. TO STA., FOREMA	AN)	
2.1	NSTRUCTIO	NS RECEIVED F	ROM SOLUTIA	·		
3.1	<u>NSTRUCTIO</u>	NS RECEIVED F	ROM USEPA			
	DEVIATIONS					
		AMES & TITLES				
	EQUIPMENT	·····				
		TING COMMENT				
		<u>/ENTS (FIRE, FL</u>	OOD, STORM, LABO	R DISPUTES, ETC.)		
<u>9 F</u>	REMARKS				·	
	· Com	okked sed de	TA MEDSWIPPRATS	in CS-F; State	ed sed samo.	locations in
	A ===-1				•	
	. /099	ed Split spoo	samples from	the "deep" boring	for slugtest p	viez installation
	17.	of 5/76 6	10 60 fbg	· · · · · · · · · · · · · · · · · · ·	·	
	· Surve	performed	creek cross-sect	on surveys at 8	ps. in C5-1	
(2)	None					
ZZ	None					
4	None					
5	See VI	isitous lug				
6	1 1 1		-/-/			<u> </u>
9_			vendes, H+3	equip., monitoring	zeup., sed dep!	4 the supprest
	egui	<u> </u>				
75	None					
	None					
9	None	·				
<u> </u>				· · · · · · · · · · · · · · · · · · ·		
					, , , , , , , , , , , , , , , , , , , 	
						
	Cc:	K form	06 JAN 00	<u></u>	· · · · · · · · · · · · · · · · · · ·	
	/	Komper	@ 1745			
		7.1				
	 				······································	
					· · · · · · · · · · · · · · · · · · ·	
				Dr11. 1. 1	2571	26 14 4
II		AL SPACE IS RE ON REVERSE !		PRINTED NAME !	SIGNATURE OF PE	O6 JANOO REPARER I DATE

SAFETY MEETING FORM (Sediment Sampling)

D. a.		DATE DE JAN DO
ONDUCTED BY COMPANY	Haverdink / O'Brian + Gere	
ROJECT NAME <u>Solutio - Saus</u>	get Area/ PROJECT LOCATION	C5-F, C5-E
EAT-ER clear	ERESPETET SIN MORE	-Engerties ~35%
MBER OF HOURS MORKED	NUMBER OF EMPLOYE	E3
SCHEDULED WORK:		
REFERENCES TO APPROPRIAT	E SECTION OF FSP & HASP	
3 HEALTH AND SAFETY ISSUES	WITH SCHEDULED WORK	
	ISSUES PEQUIPING ATTENTION	
COMMENTS		
Sodiment sampling -	Sed depth neasurements + station	9
FSP # 5.20	HASP # 2.9	
Potential contact with		4 44- 5 4
	impacted seliment + water; s / fells into water or down th	book : muscle steen :
Moise; cold when the	effects	, , , , , , , , , , , , , , , , , , , ,
PRE is level D with 1	wither books or waders (degending a	n creek conditions, and
ty vets or aprons du	ting sampling, chamical resistant to PrD. The wests in water or	aloves air mon foring in
Dreathing Zone using I	te MU The yests in well- over	of 2 +1. duy, nouse thempen
Warning breaks as appl	8 pr = R	
Sourceate wastes pross	equip- decon before leaving creek,	drive with couton in the
area, smoking in suppo	ort relides only	
TENDANCE MPLOYEE NAME (onn)	EMPLOYEE SIGNATURE //	0079477
MELOTEE NAME (CT.)		
KEN LAFFFETY	mestal dill	MAUERICK
Control of Jerry	Waln 1 1	50/14/0
Cain Wellenkam	"Colin Colon	OBG
1 m levesio	(t) he	036
Nick Jenkins	hou fries	036
MARK COREGN	The state of the s	<u>ZŁ</u>
vemetou Hampton	TWO SP	267
		
cc: K. Perry	CE SANCO	
E. Kenper	@ 1745	
		••
	2511 . 18	521
IF ADDITIONAL SPACE IS REQU		Standol
RECORD ON REVERSE SID	PRINTED NAME / S	SIGNATURE OF PREPARER
	OG JAN O	20
	UQ SAN (DATE
		UMIE

SAFETY MEETING FORM.
(Pierseler institution Go slug testal

		installation for slug testa	DATE 06 JAN 00
CONDUCTED BY / COMPANY :	E Haursdink /	O'Bries + Gere	DATE OF SHIP CO
PROJECT NAME Solutia - Sal	get Area!	PROJECT LOCATION	W. of Sik G
WEATHER Clear	PRECIPITA	TION NONE	TEMPERATURE -359
NUMBER OF HOURS WORKED		NUMBER OF EMPLOYEE	s <u> </u>
1. SCHEDULED WORK: 2. REFERENCES TO APPROPRIA 3. HEALTH AND SAFETY ISSUE 4. SPECIFIC HEALTH AND SAFE 5. COMMENTS:	S WITH SCHEDUL	ED WORK:	
1) Prezameter installation	For slag testing	7 :	
(2) FSP# 5.14	HASP#2.6	(generally epplicable)	· · · · · · · · · · · · · · · · · · ·
soll-wer; potential	contact with as falling as / falls , mus	imparted soit 4 water	impacked into home co
respirator on head if	upgrade to law Dair as needed	Free: searegale was te	smy PID, RAM, 4-gas; littler to inspect sig on s; smaking in relicles
ATTENDANCE EMPLOYEE NAME (print)	EMPLOYEE S	SIGNATURE	COMPANY
KENNUM MIGHTY	ilen	The	MAVBYKE
William E. Weight	4 Billiage	likely	036
DAIG HEINE	- Land &	The state of the s	Cchokia FD
Chad William	10.00	0.4	Hoadiss
The Tedes 1.	1404		036
Ten Coarle Neck Jenkons	The A.	<u></u>	HANISS
CC: K. Perry	06 JAN 00		
E KAMOF	C 1745		
IF ADDITIONAL SPACE IS REC RECORD ON REVERSE S		DE Haverdink St. PRINTED NAME I SIG	
A SECOND OF THE		V- 9770	

WORK FORECAST

Work Forecast for the day/week: 7-2000 Date: 1-6-2007
Project Name: SOLUT. A. INC. SAUGET & Project Location: SAUGET, IL
Company Name: OBRIEN & GERE
1. List Work Items and Locations Scheduled for Next Day Week:
-Complete descriptions logico 1 site 57-6-D
- Land-out niterial state for E, D, D, C
CC: K. perry 1745, 1-6-2000 E. K. Moer
(-): 1 10/071 00/22 m

Name/Signature/Date of Preparer

If ADDITONAL SPACE IS REQUIRED,

RECORD ON REVERSE SIDE

WORK FORECAST

Work Forecast for the day week 1-10-200/1-15-2000 Date: 1-7-2000
Project Name: Sout: 14, INC. SAUGET, IL Project Location: SAUGET, IL
Company Name: O'BRIEN & GERE
1. List Work Items and Locations Scheduled for Next Day/Week:
- hold singueles 5T-G-N & ST-Q-19 ST-G-D - Begin allig-test pregenter installation southeast or bits
- Begin creek-sedement sænsling in C5-F - Continue survey y creek cross-seden in C5-F.
* NOTE: No field-word is planted 1-14-2000
CC: K. PERRY 1745, 1-6-2000 E. Kimper
If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE Colin Wellenkard Name/Signature/Date of Preparer Ali Rellation 1-6-2000

SITE VISITOR LOG

Solutia Inc.
Sauget Area 1
(Please Print)

Slug test piec. inst. W. of G.

Date	Name English	Organization	Phone #	Time in	Time Out
1-6-00	Enckerne	RFW		310	3:50

SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time in	Time Out
1/6/00	Kimber-leres	Solutia	314-6743402		1745
1/4/00	INITIONE WOULD	030	314250-6434		1500
1600	Dave Happerdink	086	34-2706435	0655	1800
1-6-00	Tim Te Jesus	0/36	314-286-6433	0107	1300
ilu	Kentakhow,	MAVEICICK	618 304 7505	0700	
17/	Ore Heine	Canadia PD	618-337-9505	07ac	1600
	Nrck Jouleins	066	314 842 4556	6765	1005
46-412"	COLIN NELLENKHMIP	<u> </u>	(41) -4550		1948
1-6-2000	Tin Cran/1	Haniss		67.20	1600
16.00	Charl Dallys	Harriss		07:20	1600
1-6-00	M.KR McAteer	US EFA		1010	~1200
1 low	Tim GOLD:	LIS ACE		1010	W12:00
1.6.00	Enkly a	KFW		Nice	∞ €
					<u> </u>
				<u> </u>	

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	083	
PROJECT	DATE	07 January, 00	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR	WEATHER	Clear, Temp. 40°F	
O'Brien Gere			
	<u> </u>		

CQC Inspection phases attended and instruction given:

- 1) Slug Testing: Completed deep boring for well west of Site "G"
- 2) **Sediment Sampling:** Completed locating and staking sediment sample points for Creek Segments E, D, C, and B.

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) The collection of sediment samples has not started yet although OBG is preparing for this activity and getting everything ready to begin.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO \underline{YES} finding of fact?

1) Piezometers for the Slug Tests are being installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) None

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of appropriate Covernment personnel. Specify corrections)			nstructions		
1) None					
REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)					
Mike McAteer, Tim Gouger, Erik Kemper, Bruce Yare and Mike Light attended a site progress meeting in the trailer at Site R. See the Trip Report attached to this QAR for details.					
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE		
	01-07-00				
					

SAUGET TRIP REPORT

January 4 - 7, 2000

January 12, 2000

MEETING DATE: January 7, 2000, 10:00 am
PARTICIPANTS: Mike McAteer, Tim Gouger, Mike Light, Bruce Yare, Erik Kemper

LOCATION: Site 1 Trailer

The issues discussed December 15, 1999 were revisited. For continuity purposes, I have provided the December issue and January response in bold.

ISSUES

1. Wiese Property Characterization. Solutia plans to characterize waste from Site G westward through the use either an auger or push technology. McAteer and Gouger shared their concerns for usage of push technology: namely, the 1" spoon used to collect the sample may well preclude recovery of waste and therefore not adequately characterize the site. We recommended they use an auger approach, with a 4" minimum diameter.

Solutia will use auger approach with minimum 4" diameter.

2. Slug Test. Gouger, Kemper, and McAteer toured the site and observed proposed locations for the slug tests, which were outside site boundaries for every site. We asked Mike Light: "How does Solutia plan to use the data?" We expressed concern that the locations will provide gross hydrogeologic estimates for consolidated media (native soil) though the source areas are filled with unconsolidated waste debris. How will Solutia address the source areas with the information?

Solutia has drilled two leachate collection test wells in the middle of Site G and I. They propose to use these wells to evaluate the hydrogeologic characteristics of the upper water bearing formation. We concurred.

3. Analysis: The Field Sampling Plan states the alluvial aquifer samples will be developed for 2 hours or until 5 NTU are reached. As some samples read greater than 5 NTU (some are several thousand NTU after 2 hrs). considerable solids are now part of the sample. How does Solutia plan to analyze the samples? Will the solids be part of the sample, will the sample be decanted before analysis, will the sample be filtered before analysis, or will Solutia run both total and dissolved analysis for some samples?

(After discussion with Jim Beran, Thursday December 16, 1999, he recommends identifying the higher turbidity samples, determining ranges for the samples, and performing some analyses for total and dissolved parameters within those ranges).

Bruce Yare to check lab for procedure. He anticipates they will shake the bottle and then run total lead, which is agreeable to us.

4. Sediment Sampling. McAteer asked why the creek sediment sampling has not taken place yet, though the plan was to have begun by now. Gouger pointed out the creek had been dry since commencing with the work in September, 99, now water is impounded in much of the creek sections. Getting the analyses back from the creek is critical to evaluating the transects and overall characterization. McAteer stated the public has been questioning why the environmental documentation will take so long. McAteer would like to not only see sediment sampling begin but also see schedule acceleration for documentation and subsequent work.

Solutia is in the final stages of profiling and marking sample locations. Solutia plans to start sediment sampling beginning week of 17 January 2000.

5. Transects. McAteer asked when we will see the plan for sampling developed properties along the transects? Light responded getting the information sooner may yield public relation problems (i.e. some properties may have dioxins greater than 1 ppb and therefore require removal). Light would like for the TSCA cell to be underway before releasing the information so they can do something about removals in an expeditious manner. McAteer wi provide HQ US EPA Dioxin guidance to Light for more information about detection levels for dioxins.

Solutia anticipates submitting the plan for Developed Property Sampling in January 2000. Agreeable to parties.

Right of Access. Roger's Cartage has denied RoA for groundwater sampling and soil gas survey. Solutia has relocated the background groundwater sample to the nearby park and Roger's Cartage has allowed the SGS to commence.

Solutia has worked out continuing the SGS onto Roger's Cartage property, but will relocate the background groundwater sample to the park well, EE-20

- 1. Solutia agreed to perform GPR at Site I in an effort to better evaluate the waste characterization results.
- 2. The US EPA still wants to get onto Site I property to perform waste trenches and will not necessarily wait until the results from the groundwater samples are available before attempting this work.
- 3. The US EPA is building a spreadsheet with results from the split samples, after they are validated. Once validation is complete, we would like Solutia to fill out the spread sheet with results from their split samples. The US EPA prefers this information in advance of the Data Collection Report.

DAILY WORK LOG

DATE 07 SANOO PROJECT NAME Solutia - Sauget Area | PROJECT LOCATION W.of 6; CS-E, D, C, A TEMPERATURE ~40% WEATHER _ Clear PRECIPITATION none NUMBER OF EMPLOYEES NUMBER OF HOURS WORKED 40.5 ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN) INSTRUCTIONS RECEIVED FROM SOLUTIA 3 INSTRUCTIONS RECEIVED FROM USEPA **DEVIATIONS** 5 VISITORS (NAMES & TITLES) 6. EQUIPMENT 7 LUNCH MEETING COMMENTS: 8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) 9 REMARKS: smoleted and supplies sample containers descriptive logging Fest Diez. None None Nora See a Hacked visitues log HE Sequip. Menitoring equip. Drill rig. support vehicles, sed. Staking eguip. None None ~ 07-JANOO @ 1830

PRINTED NAME / SIGNATURE OF PREPARER / DATE

IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

SAFETY MEETING FORM (Piezometer installation for slug test

CONDUCTED BY COMPANY	- Haverdink	086	
ROJECT NAME Solutia - Sauge	/		W. of 6
VEATHER <u>Clear</u>		TION	TEMPERATURE ~32%
UMBER OF HOURS WORKED		NUMBER OF EMPLO	YEES
SCHEDULED WORK:			
REFERENCES TO APPROPRIATE 3 HEALTH AND SAFETY ISSUES Y			
SPECIFIC HEALTH AND SAFETY COMMENTS			
_	<u> </u>		
1) Piecometer installation (~		
2) FSP # 5.14 H		•	
Drill my hazards of c	ver head falling	objects, moving parts	pressurized lines, noise, control impacted uppor from the
boring slias / trips/	falls, mu	implested soil + wal	HE. IMPACE A MAPONS WIM THE
respirator on hand if u	Darade to len	of C is necessary:	distler to inspect rig on
deily basis and repair	is as needed	,	<u> </u>
			stes; smoking in vericles
- anly			
TTENDANCE MPLOYEE NAME (print)	EMPLOYEE	11	50/2-1/w
illiano E. Wiight	- Aghille	me tokight	O grander
had M. D. Haw	That	M. D. Det	/19 RL:55
COLIN WELLENKAMP	Enfor	Hellery Y	0136
Harry Bevers	14 9		MAILEN A
OI CANTI CAL//			www.cc.
CC; K.F.	ens of l	ANOO	
E. Ke		1830	
		Dev. / (<u> </u>
IF ADDITIONAL SPACE IS REQUI		DEHaverdink)	/ SIGNATURE OF PREPARER
WEGGIVE OIL WEARINGE GID!	_		
		D7 JAN	
			DATE

SAFETY MEETING FORM (SEDIMENT SAMPLING)

	searment sampling;	DATE D7 JAN 00
CONDUCTED BY COMPANY	Haverdink / OBG	
PROJECT NAME Solution Sauge	Area/ PROJECT LOCAT	CN Dead Creek
NEATHER	PRECIPITATION	TEMPERATURE ~32°F
NUMBER OF HOURS WORKED	NUMBER OF EMP	OYEES
1. SCHEDULED WORK:		
2 REFERENCES TO APPROPRIATE S		
3 HEALTH AND SAFETY ISSUES WI 4 SPECIFIC HEALTH AND SAFETY IS		
5 COMMENTS		
(1) Soliment Sandling - 5	taking in part of E;OD, C	
(2) FSP # 5.20	WASP # 2. 9	
3) Potential contact with	impected sediment + water / fells into water or down	; breathing of impacted
vapois; slips/trips/	/ falls into water or down	the bank; muscle strain
(4) PPE is level D with 14	beer books or waders (depend	ding on creek conditions) and, ont gloves, air monitoring in over 2 ft. deep
breathing zone using the	PID . If E vests in Water	over 2 ft. deep
		, , , , , , , , , , , , , , , , , , , ,
5 Sporegate Waster pioss e	10 11 11 11	() 12
area. Smoking in Europost	equip decon before leaving creek	arve With Courtan In Inc
ATTENDANCE		
EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
AJ. Vale	MAZ	086
Kunlann Perm	Mahr Von	sitia
Ken LAFFETY	Politole Color	086
Ken LAFFEFTY	as por	MAUBRICIE
Cc: F. Perry O'	7-14NOU	
E Remper (7 1830	
		17
	-	
F ADDITIONAL SPACE IS REQUIRE		It Havelot
RECORD ON REVERSE SIDE	PRINTED MAN	ME / SIGNATURE OF PREPARER
	07.	Java
		DATE

WORK FORECAST

Work Forecast for the day week: 10 SAN 00 Date: 07 SAN (10)
Project Name: Solutia - Souget Area / Project Location: Wof6; CS-F
Company Name: OBG
1. List Work Items and Locations Scheduled for Next Day/Week:
· Install 57-6-D slug test piez. W. of G
· Begin collecting sed samples in CS-F
CC: K. Perry 07 JANDO
E. Kemper @ 1830
DEH-1 1/ DEZ/ 5/02/100

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

Name/Signature/Date of Preparer

SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time In	Time Out
1/1/00	Majort 7 Perm	So/utia	314-67-3402	Cero	0950
177/00	William Elwright	0131-	314-251-1.47	0650	17.30
1-7	Dave Haverdink	056	314-280-6425	0655	1830
1-7-00		CHOXIA PD	618 357 9505	0700	
	CON HULLENKIAMO	CAG	842.4550	2707	1745
1/7/06	Ada Kuisir	iBC Harris	842-4466	7:15	5:15
1/700	Tim Cipali Child Rufe	Harris			1530
15/00	Clike flutz-	Faires .			1530
1.74	Extension	Rfc.)		3 50	1650
	Kon Laft for the	MAUGICL	3	0,630	
1/5/2	TinTevesis	OB6	314-780-6133	0800	1015
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INDIVIDUAL REQUESTING CLA	ARIFICATION / COMPANY:		eth Beauchamp/	DATE Jan 7, 00
		STL:	Savannah Laboratories	
HEALTH & SAFETY APPROVAL	L REQUIRED: YES:	NO:	<u>x</u>	
PROJECT NAME	Sauget Area 1	PRO	DJECT LOCATION	Sauget, Illinois
WEATHER	PRECIPITATION		TEMPER	IATURE
NUMBER OF HOURS WORKED)	_ NUI	MBER OF EMPLOYEES	
1. CONTRACT ITEM BEING WO	ORKED ON: EE/CA and RI/FS	Suppor	Sampling Plan and Sauget A	rea I Support Sampling plan
Volume 1B and Volume 3, Support	Sampling Plan Volume 2B.			
2. ITEM BEING CLARIFIED (RE				
 EE/CA and RI/FS Support S 3. 	Sampling Plan Volume 1B, Hurr	nan Hea	ith Risk Assessment Work I	Plan Appendix A, Tables 1,2 and
	pling Plan Volume 2B, Tables bling Plan Volume 3, Ecological			Table 1-74
3. REASON FOR CLARIFICATI				4 Mitophe no!
4. CLARIFICATION TO BE IMP	LEMENTED: Analyze by 82700	C to insi		
5. EQUIPMENT:	Ş	Servi 1	latitles	
6. DEVELOPMENTS WHICH M		OF A C	HANGE ORDER OR BE TI	HE BASIS OF A
7. REMARKS: None	IME: MANPOWER ETC.):			
7. NEWINNO. House				
				
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	1-1-1			
Elizabeth F. Beauchamp PRINTED NAME / SIGNAPURE	OF PREBARER DE	MINTED	NAME / SIGNATURE OF	SOUTIA REPUBLIE
	1			Charles Care and the
January 7, 2000			ATALON I RIGHT AND THE AND	AFRI BEN
DATE	PR	INTED	NAME / SIGNATURE OF L	ISEPA KEP I DATE
IF ADDITIONAL SPACE IS REQ	UIRED,	.0 ~~	to WUDA, OBA	1/22/00

INDIVIDUAL REQUESTING CL	ARIFICATION / COMPANY:	STL	-Savannah Laboratories	DATE Feb 15, 00
HEALTH & SAFETY APPROVA	L REQUIRED: YES:	NO:	<u>x</u>	
PROJECT NAME	Sauget Area 1	PI	ROJECT LOCATION	Sauget, IL
WEATHER	PRECIPITATION		TEMP	ERATURE
NUMBER OF HOURS WORKE	0	N	UMBER OF EMPLOYEES	
1. CONTRACT ITEM BEING W 2. ITEM BEING CLARIFIED (RE 3. REASON FOR CLARIFICAT 4 CLARIFICATION TO BE IMP 5. EQUIPMENT: 6. DEVELOPMENTS WHICH M	F. APPROP. SEC. OF FSP/I ION: Not all documents contain LEMENTED: See remarks	HASP): the appr	EE/CA and RI/FS Support Se opriate appended alpha chara	cter to the EPA method referenced.
7. REMARKS: All analytical me	FIME: MANPOWER ETC.): Nethods will be performed in ac		oc with EPA SW-846 Upde	ate III protocola.
		· · · · · · · · · · · · · · · · · · ·		
1 zabeth Broucham a PRINTED NAME / SIGNATURE 2/15/20	SPER PRINT	Kial	D NAME / SIGNATURE O	SOLUMA REPIDATE
DATE			D NAME / SIGNATURE OF	
IF ADDITIONAL SPACE IS REC	QUIRED,	~ *	weston, OBS	Yr1/00

INDIVIDUAL REQUESTING CO	ARIFICATION / COMPANY:	Elizabeth Beauchamp/ STL Savannah Laboxatories	DATE Jan 7, 00
HEALTH & SAFETY APPROVA	AL REQUIRED: YES:	_ NO: _X	
PROJECT NAME	Sauget Area 1	PROJECT LOCATION	Sauget, Illinois
WEATHER	PRECIPITATION	TEMPE	RATURE
NUMBER OF HOURS WORKE	ED	NUMBER OF EMPLOYEES	
2. ITEM BEING CLARIFIED (R Sauget Area 1 Support Sa Sauget Area 1 Support Sa 3. REASON FOR CLARIFICAT 4. CLARIFICATION TO BE IM 5. EQUIPMENT:	EF. APPROP. SEC. OF FSP/I- mpling Plan Volume 2B, Qualit mpling Plan Volume 2A, Field ! FION: Typographical error PLEMENTED: Holding time	y Assurance Project Plan, Table 3. Sampling Plan, Table 24,	
CLAIM (EQUIPMENT 7. REMARKS: Table 71 of the S	T!ME: MANPOWER ETC.): lauget Area 1 Support Sampling 1 3 times listed. The following me	S OF A CHANGE ORDER OR BE 1 Plan Volume 2B; Table 24 of the EE/6 sthod holding times apply: TO17 = 30	CA and RI/FS Support Sampling days; TO4 and TO13 = 7 days to
		1.1 1 - 1.1	
PRINTED NAME / SIGNATUR	OF PREPARER P	PRINTED NAME/SIGNATURE OF	SOLUTIAMEN I DATE
January 7, 2000 DATE		RINTED NAME / SIGNATURE OF	
IF ADDITIONAL SPACE IS RE	G.	iron to wester oba	

INDIVIDUAL REQUESTING CLARIFICATION / COMPANY:		Elizabeth Beaucham'		DATE Jan 7, 00	
		STL	Savannah Laboratories		
HEALTH & SAFETY APPROVA	AL REQUIRED: YES:	_ NO.	<u>×</u>		
PROJECT NAME	Sauget Area 1	PRO	DJECT LOCATION	Sauget, fillinois	
WEATHER	PRECIPITATION	<u> </u>	TEMP	PERATURE	
NUMBER OF HOURS WORKE	îD	NUI	MBER OF EMPLOYEES		
1. CONTRACT ITEM BEING V					
2. ITEM BEING CLARIFIED (R		HASP):	Table 5G		
3. REASON FOR CLARIFICAT 4. CLARIFICATION TO BE IM		ala-ifias			
5. EQUIPMENT:	PLEWENTED. Detection Limit	Clarificat	10/1		
6. DEVELOPMENTS WHICH	MIGHT LEAD TO ISSUANCES TIME: MANPOWER ETC.):	OF A C	HANGE ORDER OR BI	E THE BASIS OF A	
7. REMARKS: Toxophone listor		; correcti	on = 0.005 mg/L		
					
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we we	7	1/1	10 11/1	11. 1.16.	
Elizabeth F. Beauchamp	<u> </u>	LMDO	My Jeny / Clash	1/2/2/00	
PRINTED NAME / SIGNATUR	E OF PREPARER 'P	KINTED	NAME / SIGNATURE	F SOEDTIA REP / DATE	
January 7, 2000					
DATE			NAME / SIGNATURE C	· •	
IF ADDITIONAL SPACE IS DE	OUIDED AL	Ten+	. Wester, OBG	- 1/22/00	

INDIVIDUAL REQUES	TING DEVIATION / COMPANY:		auchamp/ ah Laboratories	DA	TE Jan 7, 00
HEALTH & SAFETY A	PPROVAL REQUIRED: YES:	NO:	<u> </u>		
PROJECT NAME	Sauget Area 1	PR	OJECT LOCATION	Sauget, III	inois
WEATHER	PRECIPITA	TION		EMPERATURE	
NUMBER OF HOURS	WORKED	NU	MBER OF EMPLOY	EES	
1. CONTRACT ITEM	BEING WORKED ON: EE/CA an	d RI/FS Suppo	rt Sampling Plan Volu	me 2 - Appendix A	
	IFIED (REF. APPROP. SEC. OF				
4. CLARIFICATION OF	RIFICATION: PCB and cyanide por RIFIELD CHANGE TO BE IMPLE	arameters ingo	CLP will not be neede	r ICLP methodology	CB narrameters
5. EQUIPMENT:		IVIETATED.	CLI WII NOT DE PERIO	thed on cyanide and i	OD parameters.
6. DEVELOPMENTS V	WHICH MIGHT LEAD TO ISSUA IPMENT TIME: MANPOWER ET		CHANGE ORDER O		FA
7. REMARKS: None		3.7			
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Charles State				17.1.1.1	
Elizabeth F. Heauchamp	Y	Kember	1- Pem	Kirly &	121/00
	NATURE OF PREPARER	-KIN I EI	O NÂME / SIGNATUI	KE OF SOLDTIA RIE	E/DATE
January 7, 2000 DATE		DEILITC	NAME / GLOSIATO	RE OF USEPA REP	LOATE
DATE				•	IUAIE
IF ADDITIONAL SPAC	E IS REQUIRED,	a ven	h wester, o	BG 72400	

INDIVIDUAL REQUESTING DE	VIATION / COMPANY:		uchamp/ h Laboratories	DATE Jan 7, 00
HEALTH & SAFETY APPROVA	L REQUIRED: YES:	NO:	x	_
PROJECT NAME	Sauget Area 1	PR	OJECT LOCATION	Sauget, Illinois
WEATHER	PRECIPITA	TION	TEM	PERATURE
NUMBER OF HOURS WORKE	D	NU	MBER OF EMPLOYEES	3
1. CONTRACT ITEM BEING W 2. ITEM BEING DEVIATED (RE			able 54 Table 7 Tenie 7	
3. REASON FOR DEVIATION:				
4. DEVIATION OR FIELD CHA				ineved.
5. EQUIPMENT:				* ·
6. DEVELOPMENTS WHICH M	IIGHT LEAD TO ISSUA	NCES OF A C	HANGE ORDER OR E	BE THE BASIS OF A
	TIME: MANPOWER ET			<u> </u>
7. REMARKS: Method reference	for orthophosphate shoul	d be amended t	o EPA Method Reference	e 365.2 in lieu of 300.0.
			· water of	y process . It is suggested to be set of the
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Eller B. M. Comment	γ / Z	VIL	1 Peny/Kan	14/21/00
Elizabeth F. Bestichamp PRINTED NAME / SIGNATURE	OF PREPARER	PRINTED		OF SOCUTTA REP / DATE
January 7, 2000				
DATE		PRINTEC	NAME / SIGNATURE	OF USEPA REP I DATE
IF ADDITIONAL SPACE IS REC	QUIRED,	sien to	wester, OBG- ?	72400

INDIVIOUAL REQUESTING DE	VIATION / COMPANY:	Elizabeth Beauchamp/ STL Savannah Laboratories	DATE Jzn 7, 00
HEALTH & SAFETY APPROVA	L REQUIRED: YES:	NO: <u>X</u>	
PROJECT NAME	Sauget Area 1	PROJECT LOCATION	Sauget, Illinois
WEATHER	PRECIPITA	TIONTE	EMPERATURE
NUMBER OF HOURS WORKE	o	NUMBER OF EMPLOYE	ES
		ea 1 Support Sampling Plan Volume 21 SP/HASP): Table 6H (Dinoseb reco	
		revision based on updated recovery dat	
4. DEVIATION OR FIELD CHAI	NGE TO BE IMPLEMEN	NTED: Alter recovery acceptance lim	its for soil to 10-130%.
5. EQUIPMENT:	1011 1 CAO TO 1001A	NATO OF A CHANGE OFFICE	DE THE DANG OF A
6. DEVELOPMENTS WHICH M CLAIM (EQUIPMENT)		NCES OF A CHANGE ORDER OF C.):	KRE THE BASIS OF A
7. REMARKS: None			
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	100 100		
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till Ist	L /=>	11/2	411
Elizabeth F. Beaverlamp	OF HIDEDAGES	PRINTED NAME / SIGNATUR	1/4/00
PRINTED NAME / SIGNATURE	OF PREPARER	FRINTED NAME / SIGNATUR	DOT SOCKTIA KEP/DATE
January 7, 2000			
DATE		PRINTED NAME / SIGNATUR	E OF USEPA REP I DATE
IF ADDITIONAL SPACE IS REC	NUIRED,	Given to weston/o	1B6 2/11/00

INDIVIDUAL REQUESTING	DEVIATION / COMPANY:		. .	DATE Jan 7,00
		STL Savarura	h Laboratories	
HEALTH & SAFETY APPROV	VAL REQUIRED: YES:	NO:	<u> </u>	•
PROJECT NAME	Sauget Area 1	PR(DIECT LOCATION	Sauget, Illinois
WEATHER	PRECIPITA	TION	TEM	PERATURE
NUMBER OF HOURS WORK	KED	NUI	MBER OF EMPLOYEES	
1 CONTRACT ITEM BEING	WORKED ON: Table 24 o	f the EE/CA an	d RI/FS Support Sampling	Plan Volume 2, Appendix A.
2. ITEM BEING DEVIATED (I	REF. APPROP. SEC. OF F	SP/HASP): S	auget Area ! Support San	pling Plan Volume 2B, Table 2, Table
71, Table 3, and Table 5N. Saug				
3. REASON FOR DEVIATION				
4. DEVIATION OR FIELD CH	ANGE TO BE IMPLEMEN	NTED: Change	TO1 method reference to	TO17.
5. EQUIPMENT:				
6. DEVELOPMENTS WHICH			HANGE ORDER OR B	E THE BASIS OF A
	T TIME: MANPOWER ET	Ç.):		
7. REMARKS: None				
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	-/-/-	. / .		
Elizabeth F. Beauchamp	6.1111-	> Kimbe	+ 7 Peny Kin	1/2/00
PRINTED NAME / SIGNATA	OF PREPARER	PRINTED	NAME / SIGNATURE	SOLUMA REPIDATE
January 7, 2000	<i>U</i> - /			
DATE			NAME / SIGNATURE C	_ · · · · · · · · · · · · · · · · · · ·
IF ADDITIONAL SPACE IS RI	EQUIRED,	to men	wester, OB G.	Yr/00

INDIVIDUAL REQUESTING CLARIFICATION / COMPANY:		Elizabeth Beaucham/ STL Savannah Laborator	DATE Jan 7, 00
HEALTH & SAFETY APPRO	VAL REQUIRED: YES:		
PROJECT NAME	Sauget Area 1	PROJECT LOCATION	Sauget, Illinois
WEATHER	PRECIPITATION		TEMPERATURE
NUMBER OF HOURS WOR	KED	NUMBER OF EMPLO	YEES
	WORKED ON: Sauget Area 1 ES (REF. APPROP. SEC. OF FSP/H		ipling Plan
3. REASON FOR CLARIFIC			
	MPLEMENTED: Section 10.1.1 v	olatile organics in air metho	d should be TO17.
5. EQUIPMENT:		SEA SUANOE ODGES	CO DC THE DAGGO OF A
	H MIGHT LEAD TO ISSUANCES IT TIME: MANPOWER ETC.):	OF A CHANGE ORDER	OR BE THE BASIS OF A
7. REMARKS: Nunc	THE MUNICIPALITY OF THE LAND.		
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Elizabeth F. Besuenamp		in Denly Peny	Keeling / Muloo
PRINTED NAME / SIGNATU	HE OF PREPARER 'P	KIN FED NAME / SIGNATI	URE OF SOCUTION REP DATE
January 7, 2000			
DATE	P	RINTED NAME / SIGNATI	URE OF USEPA REP I DATE
IE ADDITIONAL SPACE IS E	PEOLIPED C	notion of nation	, OD 0 2/22/00

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To: Michael McHteer	Recipient's Telecopy Telephone # Recipient's Telephone # Originator's Telephone #			
FROM: Elik Kelliger TOTAL PAGES:				
DATE:	W.O. 6:			
COMMENTS: Doviations	issued from Solution			
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Analytical Testing/Characterization
Air Quality
Water Quality/Wastewater
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Construction/Remodiation
Geosciences

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INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	084	
PROJECT	DATE	010 January, 00	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR	WEATHER	Clear, Temp. 40°F	
O'Brien Gere			

CQC Inspection phases attended and instruction given:

- 1) Slug Testing: Installed the deep and medium depth piezometers west of Site "G"
- 2) Sediment Sampling: Still no sampling being conducted. A deviation to the FSP has been submitted by Kimberly Perry. Solutia proposes to change the method for determining the sediment depth from "the first observed color change in the soil layers" to "the refusal depth of the manually pushed sample tube". The sample collection tube is a 3" diameter clear Lexan tube. Preliminary sampling activities showed color changes around 6" but the tubes could easily be pushed beyond that and the material below the 6" color change could also be characterized as sediments. I will discuss this change with Tim Gouger

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) The collection of sediment samples has not started yet although OBG is preparing for this activity and getting everything ready to begin.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NC YES finding of fact?

- 1) Piezometers for the Slug Tests are being installed outside the fill areas, the FSF section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) The deviation to the FSP was received at the end of the day, will discuss the change with Tim Gouger tomorrow.

FETY: (Include any infractions of appoint Government personnel. Specify cor			nstructions
None			
MARKS: (Include visitors to project a	nd miscellaneous	remarks pertinent to	work)
mando. (include visitors to project a	iid miscellaneous i	emarks bettinent to	WOLK.
		_	
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
INSPECTORS'S SIGNITURE	DATE 01-10-00		DATE

EPA, USACE

DAILY WORK LOG

DATE 10 JANZOOD

PRO.	JECT NAME	Solutia -	Sauget Are	∠ PRO	JECT LOCATION	W.of 6;	field ofc.
WEA	THER AT	tly cloudy	PRECIF	PITATION _	none	TEMPER	ATURE ~55°F
NUM	BER OF HOL	JRS WORKED	47	NUN	IBER OF EMPLOY	EES <u>6</u>	
2 3 4 [5 7 8 9 F	NSTRUCTION NSTRUCTION DEVIATIONS VISITORS (NA EQUIPMENT LUNCH MEET JNUSUAL EV REMARKS:	NS RECEIVED NS RECEIVED AMES & TITLES FING COMMEN ENTS (FIRE, FIRE, FIRE) A /kd ST-	S: TS: LOOD, STORM, L	ABOR DISPI T-G-M Ind Supplie	UTES, ETC) Sing test piez es for creet	ometers W sed. sampli	Site G
3)_ (9) 3)	None No devisi	·	ed; howalle	r, see 1	Devidtion Log a	IA/RO 10 JAN Z	3200
(S) (B) (D)	Drill rig None None None	, Support v	ehcles, He S	vehides, A	ranitoring equip		
	('C	: K. Peny E. Kempu		9 00 1 00			
		AL SPACE IS R		<i>D</i> -/	everdink J	Haver Sh	-/10 VAN ZOW EPARER / DATE

INDIVIDUAL REQUESTING DEVIATION / COMPANY		DATE 10 JAN 2000
	5'Brien + Gere	
HEALTH & SAFETY APPROVAL REQUIRED: YES:		
PROJECT NAME South - Sauget Area!	PROJECT LOCATION	Dear Creek
WEATHER PRECIPIT	TATION	TEMPERATURE
NUMBER OF HOURS WORKED	NUMBER OF EMPLOYER	s
1 CONTRACT ITEM BEING WORKED ON:		
2 ITEM BEING DEVIATED (REF APPROP. SEC. O)F FSP/HASP):	
3 REASON FOR DEVIATION: 4 DEVIATION OR FIELD CHANGE TO BE IMPLEM	ENTED	
5 EQUIPMENT	CNIED	
6 DEVELOPMENTS WHICH MIGHT LEAD TO ISSU	JANCES OF A CHANGE ORDER	OR BE THE BASIS OF A CLAIM
(EQUIPMENT: JIME: MANPOWER: ETC.): 7. REMARKS:	· 	
/ REMARKS		
(1) Spainent sampling - vertical	by integrated core san	ples
(2) Field procedures for sed: depth 1	•	•
3) Field sesults todate preliminarily the first observed color change a	indicate the possibility 6	sediment to be deeper than
the first observed color change a	nd possibly yreater than	12" thick
4) Sediment depths to be measured us	sine the 3" diameter san	noline tubes. Menuelly
advanced with the core samples as	sembly by the same	individual sed death
will be identified as the refusal	depth of the manually.	Dusted to be : a Sed. somples
will be collected for enelysis fre		
the grakest depth among the 3		
compariting will be performed man		
sample container will be filled from	the bag as soon as com	positing is portormed
Alan I and I am saline to come	alan with alanh value	<u> </u>
5) Manual push-type sediment core sa poly corbonale tube; predomed		teasion rate, and I dismiter
6 Additional costs may be incust	ed for equipment o	additional lengths of
Sampling tuber		
(7) Sed death measurements will not.	be re- performed in CS-	: sed so make will be
collected by meanally pashing the	sample to be to refusal	and recording the refusal
depth - sample to be will be push	ed at the previously idea	tifred location of greatest
sed. depth (CS-F only)		
	·	
		1/5/1/
DE Haverdink DE Hammelink,	Kimberly terry	/ Kun / 10/00
PRINTED NAME / SIGNATURE OF PREPARER	PRINTED NAME / SIGN	TURE OF SOLUTIA REP / DATE
10 JAN 00		
DATE	PRINTED NAME / SIGNA	TURE OF USEPA REP / DATE
IF ADDITIONAL SPACE IS REQUIRED. RECORD ON REVERSE SIDE	<i>,</i>	-

WORK FORECAST

Work Foree:	ast for the	e'day week	: 11 JAN 20	מש		Date: /	0 SAN 2000
Project Nam	e: Solu	tha - Sa	uget Area /	Proje	et Locatio:	:SE of	L; CS-F
Company Na	ame:	O'Brier	+ 6-re				
1. List Wor	k Items a	nd Locario	ons Scheduled fo	r Next Day	Week:		
•	Begin picz.	logging	"deep buting"	SE of	5,7e L	6	s/my test
•	Begin	collecting.	sed. samples	in CS	· F		
	······	······································					
	c : K.	Fily					
							
			<i>\)</i> -	Harris	1 / 39	R. and C	(in lasson

If ADDITONAL SPACE IS REQUIRED.
RECORD ON REVERSE SIDE

Name/Signature/Date of Preparer

SAFETY MEETING FORM (sediment sampling)

	(SEATHER SEA)	iting)	DATE 10 JAN 00
ONDUCTED BY COMPANY _	DE Haverdink / O	Bren + GAR	-
POJECT NAME Solution			CS-F
ELTHET postly cloudy	•	. NCAR	-=:::==:== ~ <u>44°</u> :
•			
SCHEDULED WORK	THE OFFICE OF FOR	2 114 00	
2 REFERENCES TO APPROPE 3 HEALTH AND SAFETY ISSUED			
SPECIFIC HEALTH AND SAF			
COMMENTS			
D Ediment Sandling			
1) FSP # 5.20	HASP # Z.	?	
Polential contact	with impacted soli	ment + 1 later .	hreathing of impacted
Ve Dois : Slips /	mos / falls into	water or down the	breathing of impacted bank; muscle strain
2000 1 1 1 2000			
PRE is level D will trucks or apports breathing zone using	Lubber soot or !	raders depending on	a creek conditions
has the Took	AMING SEMPLING,	CAMPICAL CONTRACTOR	- 2 ft deal
THE TRING COME USIN	3 12 112 11FE 118		2 - 02
^			
Sparegate waster	1055 equip decor ho	for leaving creek. 6	trive with course in the
Sogregate waster area. Smoking in	woost vehides only	7	
TTENDANCE MPLOYEE NAME orn:	EVELOVEE STON	. + . = =	2017211
COLIN WELLENOWN)	10.0%	1/2/20	
lick lear king	16.2	acre y	OBS
lick tenkins Tin 1008260	La VI	C	086 086
DMRELL THOMPSON		m050m	0/36
Girten 7 Perm	Land The		Savin
RENLATITIETY	- GO AS		MANERICE
MAKE GREEN	The state of the s	de-	<u>Z</u> E!
DEMETICUS HAMPTON	A A A A A A A A A A A A A A A A A A A		ZEZ
CL K. Pesty	10 JAN ZOW		
E Kemper	(S (800)		
	 		
IF ADDITIONAL SPACE IS R	EQUIRED. $\hat{\mathscr{A}}$	Harsdink / SE F	The england
RECORD ON REVERSE			GNATURE OF PREPARER
		22. i a	
		10 JAN	
			DATE

SAFETY MEETING FORM (Prezoneter installation for sing tests) DATE 10-JAN-00

CONDUCTED BY COMPANY	- Haverdonk /	O'Brien + Gene	= <u>110- SAN-CO</u>
	,		
ROJECT NAME <u>Solves - Same</u>	it Mea	PROJECT 1004T 314	W. of Site G
EATHER Dorthy Cleady	- PREC PITAT)	i. none	
NUMBER OF HOURS NORKED	<u> </u>	NUMBER OF EMPLOY	EES
1. SCHEDULED WORK:			
2 REFERENCES TO APPROPRIATE	SECTION OF FSI	P & HASP	
3 HEALTH AND SAFETY ISSUES V			
4 SPECIFIC HEALTH AND SAFETY 5 COMMENTS	<u> </u>	NG ATTEN ON	
(1) Piezone for installation fo	ir slug testing.		
2) FSP# 5.14 WA	15 P # 2.6 (generally enclicable)	
		·	2
31 Drill my nezards of a	ver head to line o	DATE TO SOIT + in A	pressinged lines noise con the impacted inque from the
boring , slips / trips/	falls, muscl	e strain	
_			
Ty PPE is modified level.	O what monite	oring in breathing zone	12mg PID RAM 125 - 120 - 20
daily basis and Negal	parade 13 18081	<u> </u>	2/3//2- 12 //2/25 / /2 30
Drive of courses and	1 the Gell office	e segregié n	che : Smoking in pinisies
anij			
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TTENDANCE			
MPLOMEE NAME forms	EMPLO /EE SIG	35,57,25	2011221
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Villiam E. Wright	in the		Harriss
Steve May	5 the	46	Heniss
100 100	Luf by	<u> </u>	086
Simber > terr 7	flow fly		Salita
HENLAFFERTY	ucq fig		MAUSKICK
			
CC & K. PMy	10 JAN	12000	
E Kemper	@ 180	හ <u></u>	
	 		
 			
			
IF ADDITIONAL SPACE IS REQUI	RED	DE Haverdink /	JE Handon C
IF ADDITIONAL SPACE IS REQUI RECORD ON REVERSE SIDE		DE Haverdak PRINTED NAME	JE Blance Son C SIGNATURE OF PREPARER
		PRINTED NAME	JE Blanchon L SIGNATURE OF PREPARER
		PRINTED NAME	SIGNATURE OF PREPARER
		PRINTED NAME	SIGNATURE OF PREPARER AN OD DATE

SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time In	Time Out
V10/00	Kinberty Peran	Sul. tia	314-674-3402	0635	1705
11/6/80	Con last Ext.	bank VERY (16		0645	
(A/A)	W. Higm E. LON 14	W.S.	280-6434	0655	1800
Villor	Darren Thanson	12BCe		0655	1715 4
1-10	Dave Havesdink	OBG.	314-280-6435	UTUS	1000
1-10-00	Nick Jankins	ovis E	314 842 4550	0700	1715
1-10-00	TimTedesio	(1/36	78-310 CX31	C1715	1045
1-10-1000	LOLIN WELLENRAMP	DPC.	842-4550	もかりろ	1155
1.10.2000	Tra Crank	Harr Si		17 - 1	1730
1-10-ZGn	Steve Muld	iters		07.30	1730
1-10-00	MARK IREAN	201	664 1900	8100	3:45
1-10-60	Demetries Hamphon	ZUI	664 1900		3115
1-11-00	Brian Gimpel	Calatia Place Dept		2 3g	1630
1-10-08)	ally	reco		805	16:15
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SITE VISITOR LOG Solutia Inc. Sauget Area 1 (Please Print) Slug test piec. inst. W. of G

Date	, Name	Organization	Phone #	Time in	Time Out
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INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	085	
PROJECT	DATE	011 January, 00	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR	WEATHER	Clear, Temp. 50°F	
O'Brien Gere			

CQC Inspection phases attended and instruction given:

- 1) Slug Testing: Begin Deep boring for location SE of Site L
- 2) Sediment Sampling: Sampling has begun at southern end of Creek Segment F. A deviation to the FSP has been submitted by Kimberly Perry. Solutia proposes to change the method for determining the sediment depth from "the first observed color change in the soil layers" to "the refusal depth of the manually pushed sample tube". The sample collection tube is a 3" diameter clear Lexan tube. Preliminary sampling activities showed color changes around 6" but the tubes could easily be pushed beyond that and the material below the 6" color change could also be characterized as sediments. I will discuss this change with Tim Gouger

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) The collection of sediment samples has not started yet although OBG is preparing for this activity and getting everything ready to begin.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) I informed Kimberly we have some concern initially of the deviation in the sediment collection. It is possible the sample would be diluted by collecting sediments from deeper than necessary. We are evaluating the validity of this procedure and the USEPA will converse with Solutia on this subject.

Has anything developed on the work, which might lead to a change order or NO \underline{YES} finding of fact?

- Piezometers for the Slug Tests are being installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

Information, instructions or actions taken not	covered on	QCR report or disagree	ement:			
1) None						
SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)						
1) None						
REMARKS: (Include visitors to project and misc	ellaneous r	emarks pertinent to wor	rk.)			
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE			
	01-11-00					

Jan 11

Begin borray at site L for sting leste

USACE + EPH are thinking about the Sedment Downton

DAILY WORK LOG

DATE // JAN DO

PROJECT NAME Solution - Suget Area/ PROJECT LOCATION SE OF L., CS-F, WEATHER pathy clouds PRECIPITATION NOTE TEMPERATURE ~50% NUMBER OF HOURS WORKED 5/-5 NUMBER OF EMPLOYEES 6 ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN) INSTRUCTIONS RECEIVED FROM SOLUTIA INSTRUCTIONS RECEIVED FROM USEPA DEVIATIONS VISITORS (NAMES & TITLES) EQUIPMENT LUNCH MEETING COMMENTS: UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) REMARKS: · Collected sed. samples SI through ST in CS-F · Developed Slug kst Diezomekes at ST-H and ST-I Logged boring for slug test prezometer inst. to 50 ftg SE of L. the K. Perry approved location of slue test piez. SE of L None See visitors log Drilling, support relides, 14+5 equip, monitoring equip, pump + generator, Samoline equip. None None None 11 LANGO @ 1800 DE Haverdock / DE Blacedor IF ADDITIONAL SPACE IS REQUIRED, PRINTED NAME / SIGNATURE OF PREPARER / DATE

RECORD ON REVERSE SIDE

WORK FORECAST

Work Forecast for the	dayweek: 1-12	-00	Date: /	-11-00
Project Name: <u>Soluti</u>	ia-Sauget Usea	Project	Location: Jacq	CS-F E S.E & L Et, stag lest piezem
Company Name: <u>O'B</u>	•			
1. List Work Items an	d Locations Schedul	led for Next Day	Week:	
Contracte sediment	samoline a C5	- F		
Continue logging Continue developme	wing dun to	80 H @ 5T-	L. Possibly inst.	all 57-6-5
CC: K. Perry E. Kemper	11 JAN '00			
E. Kemper	(d) 1800			
		1.0 - 1	1.	

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

Mam Signature Date of Preparer

SAFETY MEETING FORM (Prezoneter installation for slug tests)

NDUCTED BY I COMPANY	TOWARD /			
NECT NAME Solution - Saus		PROJECT 1004T1	SE of L; s/ug k	st piez.
== clear		- D. none	7 7 TEMPERATURE	
_== <u>Clear</u>	_ ~~=, ~ ~	none		- <u>70 l</u>
BER OF HOURS MORKED	_	NUMBER OF EMPL	O/EES	
SCHEDULED WORK:				
SCHEDULED WORK. REFERENCES TO APPROPRIAT	E SECTION OF F	SP & HASP		
HEALTH AND SAFETY ISSUES	WITH SCHEDUL	ED WORK:		
<u>SPECIFIC HEALTH AND SAFETY COMM</u> ENTS	Y ISSUES REQUI	RING ATTENTION		
COMMEN : 5				
Piecometer installation	for slug testin	: develop s/ug/est	niez.	
	~			
FSP# 5.14 W	75 P 7 2.6	(generally explicable	/	
Drill my hazards of a	overhead falling	objects moving par	s anssurized lines.	noise.
Drill ma hazards of a roll-over; potential control slips / trips,	intert with	impacted soit + w	eter impacked sapots	Som to
	/talls mus	cle strain, elec	tic shock from generator	+ winny
PPE is modified level	D w/air mon	itoring in breating 20	ne using PID RAM 4-	945 :
PPE is modified level respirator on hand if	upgrade to leve	10 is necessary	: driller la inspect	lig 21
daily 6as = and repa	is as needed			
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SAFETY MEETING FORM (sediment sampling)

onducted by : company $\underline{\mathcal{L}}$	& Havesdink 10.B	tien+Gere	DATE IT SAN CO
POJECT NAME <u>Solutia - Sa</u>	/		W-F
	•		TEMPERATURE ~40°F
			
MBER OF HOURS WORKED	NO	MBER OF EMPLOYEES	
SCHEDULED WORK:	TE SECTION OF ESS A	1120.	
REFERENCES TO APPROPRIA 3 HEALTH AND SAFETY ISSUE			
SPECIFIC HEALTH AND SAFE COMMENTS	TY ISSUES REQUIRING A	TTENTION	
Sodiment sampling	; surveying of co	eek cross sections	
FSP # 5.20	. HASP # 2.9		
Potential contact w	with impacted sedime	ent + weter : bi	reathing of impacted
vepois; slips/to	ips/fells into wa	efer or down the	bank; muscle strain
			· · _ · _ · _ · _ · · _ · · · · · ·
PPE is level D with	subter books or his	dors / deserding	creek (anditions)
truste or actions	Surviva Samplina Chi	min - 1 ceristent ch	outs dir monitorium i
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TENDANCE			
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an Thompson	24/16/	ov	of i
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Ale denkins	di blakin	•	066
ANDY DELAND	And Opla	2	ZEI
DEMETRIUS HAMOON			7FT.
PENETHAS MARIPAN			
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cc: K. Ferry	11 LANOO		
E. Kemper	C 1800		
			
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IF ADDITIONAL SPACE IS REC		Havesdink / DE	
RECORD ON REVERSE S	IDE	PRINTED NAME / SIG	NATURE OF PREPARER
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SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time In	Time Out
1/11/00	Competa Pera	Solitia	314-474-2402		1490
1/11/00	William E Wright	O'Brien & Crere	514-280-6434		185Q
Ville	Carnthon	086	3/4 3937682		1830
1/11/00	Country m	Capita Pedico Det	(K 35)-4525		Voor
1-11-00	Dave Haverdink	OBC	74 280 6435	0700	1830
1-11-00	Nick Jemlzons	0136	314842 4550	0700	1800
1-11-00	Timlederes	086	314-280 6138	$C(\cdot,\cdot)$	WY5
1/1/00		MANGRICK		1710	1800
1/11/00	Tin Cost	Herriss		0775	1650
ilitae	Steve Might	1/19 rriss		07.15	1155
Mulaa	Demetius Hamphs	ZEI	314 /U/- 1900	0300	1510
111190	ANDY DELAND	28-1	314 664-1400		1510
1-11-00	John Mcmullan	Hacriss	618 539 - 3180	12:50	1630
F11-UN	TINTOURY	OB (111 111 6433		1710
1/2000	Cain Wellers CAMA	CBC.	842-4550	1520	1820
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Sauget Site Investigation Waste Tracking Log

Date: 1-11-60

Date	Site	Activity	Waste Type	Qty	Container Type	Storage Location	Drum#	Initials
1-11-00	ST-H S1-I	Slug Test Piezomoler Dev	water	110 gal	Bulk Tank	Judith Lane	N/A	NEJ
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Notes:

Storage Tank Capacity: 4,900 Gallons

INSPECTORS QUALITY ASSURANCE REPORT (QAR) THE OCR WILL BE ATTACHED TO OR FILED WITH THE DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302) QAR. REPORT NO. 086 PROJECT DATE 012 January, 00 Solutia Sauget Area 1 CONTRACT NO. Sauget, IL CONTRACTOR Clear, Temp. 60°F WEATHER O'Brien Gere

CQC Inspection phases attended and instruction given:

- 1) Slug Testing: Installed shallow well for location SE of Site L
- 2) Sediment Sampling: Sampling is continuing for Creek Segment F. there are 40 locations through out CS-F, so far 14 have been collected. A deviation to the FSP has been submitted by Kimberly Perry. Solutia proposes to change the method for determining the sediment depth from "the first observed color change in the soil layers" to "the refusal depth of the manually pushed sample tube". The sample collection tube is a 3" diameter clear Lexan tube. Preliminary sampling activities showed color changes around 6" but the tubes could easily be pushed beyond that and the material below the 6" color change could also be characterized as sediments. I will discuss this change with Tim Gouger

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) There is a deviation in the sample procedure for sediments. We are waiting for a resolution to this matter.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) I informed Kimberly we have some concern initially of the deviation in the sediment collection. It is possible the sample would be diluted by collecting sediments from deeper than necessary. We are evaluating the validity of this procedure and the USEPA will converse with Solutia on this subject.

Has anything developed on the work, which might lead to a change order or NO \underline{YES} finding of fact?

- 1) Piezometers for the Slug Tests are being installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1)

Information, instructions or actions taken	not covered on	QCR report or disa	greement:
1) None			
SAFETY: (Include any infractions of approx From Government personnel. Specify correct	ved safety plan, ctive action tak	safety manual or i en.)	nstructions
1: None			
REMARKS: (Include visitors to project and	miscellaneous r	emarks pertinent to	work)
Talliado. (Include Vibrolis to project una		caurs per ernene ee	
		1	
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
	01-12-00		

Jan B

Brings at Site L

v)

DAILY WORK LOG

DATE 12 JAN 00

PROJ	JECT NAME Solution	Souge + Area/	PROJECT LOCAT	ION SEOFL CS-	<u></u>
WEAT	THER <u>clear</u>	PRECIPITAT	TION NONE	TEMPERA	TURE ~60F
NUME	BER OF HOURS WORKE	0 40.5	NUMBER OF EMP	PLOYEES6	
2 IN 3 IN 4 D	TEMS WORKED ON (ITE) NSTRUCTIONS RECEIVE NSTRUCTIONS RECEIVE DEVIATIONS	ED FROM SOLUTIA ED FROM USEPA	TA TO STA FOREM	AN)	
6 E 7 U 8 U	VISITORS (NAMES & TITLE QUIPMENT LUNCH MEETING COMMI JNUSUAL EVENTS (FIRE REMARKS:	ENTS:	OR DISPUTES, ETC.)		
	· Collected sed · Completed bory in stalled	Samples from 5 ing for descriptive 57-L-S, screene up test piezonekis ses section survey	logging for slug d at 9-14 Fhg	test prez inst -	se of L; for inst. of
	None None Nane				
(5) (6) (7) (9)	Sec visitors log Thill rig , support equip- None None None	t yehider, sampling	eg.mp., H45eg	uip, generator +pan	ab, Maniformy
	CC: K. Forzy E. Kemper	12 JANOO Q 1815			
IF	F ADDITIONAL SPACE IS RECORD ON REVER		DEHauerdink PRINTED NAME	SE Hand /	12 JANOO ARER / DATE

SAFETY MEETING FORM (Piezoneter installation for slug tests)

DNDUCTED BY / COMPANY 🗘	5 // market //	5'A . * * 6000	DATE <u>12 JAN 00</u>
OJECT NAME <i>Soluha - Sq.</i>	Heal Heal	_ PROJECTIONATION	SE of L. ST-G, ST-N
LITHER Clear	PREC(P.T)	ATION NONE	
MBER OF HOURS WORKED _		NUMBER OF EMPLOYE	:: s
SCHEDULED WORK:			
REFERENCES TO APPROPRIA			
HEALTH AND SAFETY ISSUE			
SPECIFIC HEALTH AND SAFE COMMENTS	: <u> </u>	IRING A FEN ON	
			5/ugtest
Piezoneter installation	For slug testing	ng; development of exs	ting pierometers
FSP# 5.14	HASP # 2.6	(generally explicable)	
Drill my hezards of	- coverhead & Ilia	a phiests moving Aprils	Dressurized lines Agise C
roll-over: Potential	contect with	impacted soit + water	pressurized lines, noise, a impacted uppor from the horaxis w/ generator + pum
boring, slips / tri	as/falls, mu	ude strain; electrical	horais w/ generator + pum
PPG 13 modified leve	1 D w/ ait ma	nitoring in Dreatning zone	using PID RAM 4-gas; diffler to inspect hig on
daily basis and Me	Doil as neede	y necessary	CISTIES TO INSPECT TIES
Drive w/ coution are	und the field o	free segregale is	H: ; smaking in vehicle
anly			
TENDANCE MPLOMEE NAME (orb)	EMPLOYEE	SIGNATURE	00W94WV
/			
CN CAFFERTY	- Joseph		MAVECCK
Moon Tike many	- Jawe	× ha	Solitia
Tahn McMyllan	20100	merh Ile	Harriss
in Crark		al.	Horisi
Jilliam E. Wright	William	E. physlet	066-
CON LABBOR THE	, / Kon J	Cory.	CAHUNDA POLICIE
cc: K. Pary	1211/05		
E. Kemper	A 1815		
7			
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IF ADDITIONAL SPACE IS RE		DE Howrdink / 9	E Springer
RECORD ON REVERSE S	SIDE	PRINTED NAME / !	SIGNATURE OF PREPARER
		12 SIN O	lo -
			DATE

SAFETY MEETING FORM (sediment sampling)

	(seas mear sampling)	DATE 12 MN 00
ONDUCTED BY / COMPANY 🔟	E Haverdink / O'Brien + (Sere
	nuget Area/ PROJECT	
	PRESIDITATION <u>non</u>	
IMBER OF HOURS WORKED _	NUMBER 3	F EMPLOYEES
SCHEDULED WORK:		
REFERENCES TO APPROPRIA		
3 HEALTH AND SAFETY ISSUE SPECIFIC HEALTH AND SAFE	<u>IS WITH SCHEDULED WORK.</u> TY ISSUES REQUIRING ATTENTION	ON
COMMENTS		
Solinent sampling	; suivey creek ciss-seetio	ns
FSP # 5.20		
Potential contact w	ith impacted sediment + 1	Jefer : breathing of impacted
vepois; slips/to	ips / fells into water or	Jeter; breathing of impacted down the bank; muscle strain
PPE is level D with	Tubber books or waders !	depending on creek conditions) a resistant gloves, air monitoring water over 2 ft. deep
trucks or appears	furine Sampling, Chemical	resistant aloves air monitorine
breathing zone using	The PID . The wests in	Water over 2 ft. day
Sugregate waster, qu	oss equip- decon before leavin	g creek, drive with coution in t
area, stoking in su	port vehides only	'
TENDANCE ARLOYEE NAME - Brist	EMPLOYEE SIGNATURE	COMPANY
JPLOYEE NAME print	EVACORER SIGNARURE	
LEW GERREN	1/4/2/4	IMAURICK
We try de	Guben a tem	MAURICK Solution
Nick Olenkins	Rick Jankins	066
RON LABBES JR	Rose Laly.	CAHOUSE POLTE
MAKE CALLA	Simon	2.21
Denetrius Hangton		
ic: K. Perry	1224000	
F. Kemper	É 1815	
IF ADDITIONAL SPACE IS RE	QUIRED. DE Haven	dist 195 Hanne don't
RECORD ON REVERSE S		ED NAME / SIGNATURE OF PREPARER
		12 MN00
		DATE

Work Forecast for the day week: 61-17-00 Date: 01-12-00
Project Name: Sauget Area Project Location: Sauget IL
Company Name: OBrien & Gere
1. List Work Items and Locations Scheduled for Next Day Week: A. Complete Slug test prezometer justallation/ Development
B. Continue Creek Sediment Sampling
C. Moving + Storing drums
D. Potentially begin slug tests
CC: K. Perry 12 Jan 00 E. Kemper C 1815
If ADDITONAL SPACE IS REQUIRED. Addition English Of 174700 Name Signature Date of Preparer

RECORD ON REVERSE SIDE

Work Forecast for the day week: 01-13-00 Date: 01-12-00
Project Name: Sauget Area / Project Location: Sauget IL
Company Name: O'Brien & Gert Engineers
1. List Work Items and Locations Scheduled for Next Day Week: A. Continue Sediment Sampling in ESCS-F B. Continue installation of Slug Test Piezometers ST-L-DIN C. Continue Development of piezometers ST-N-M & S D. Continue Survey work in Dead Greek/or at previous sampling locations.
Surging Tocations.
CC: K. Perry 12 Jan 00 E: Kemper @ 1815
If ADDITONAL SPACE IS REQUIRED Alling Ephysical Office Proposition

If ADDITONAL SPACE IS REQUIRED RECORD ON REVERSE SIDE

SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

arbite .	Name	Organization	Phone #	Time in	Time Out
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SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time In	Time Out
1/E 00	Cuben years	So/ctia	314-674-3402	0632	
i/o/n	William E. Wight	OBrien & Gere	342806134	0650	1815
1770	Day o Throne	086	314 353767	0600	1815
132	Dove Haretoink	വിധ	714 280 6435	0705	18/9
1512-00	Nick Jenkins	0B &	7148424550	0700	1530 T
1172:00	Isaa Lan FRENZ	MAUERICIE		0705	
1-12-00	RON LABBEE TR	CAHOKA POLICE SOFT		0700	1600
1.100	Tim Crail	Harriss		07:20	1600
150-00	John McMV/Kn	Herriss		07120	1600
1-12-40	MARK CORDEN	2E 2E I	6641900	215	16151
1-12-00	Demethius Hamphin	<u> </u>	664 1900	745	16 34
1-12-00	Timtechsed	OBG	3/1.010.6173	0800	1100
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Magnetic Comments					77.
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INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	ONSTRUCTION - MILITARY (ER THE OCR WILL BE ATTACHED TO OR FILED W		
	REPORT NO.	087	
PROJECT	DATE	013 January, 00	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR	WEATHER	Clear, Temp. 40°F	
O'Brien Gere			

CQC Inspection phases attended and instruction given:

- 1) Slug Testing: Installed Deep and Medium depth wells for location SE of Site \bot
- 2) Sediment Sampling: Sampling is continuing for Creek Segment F. there are 40 locations through out CS-F, 18 of them have been collected to date. Kimberly Perry has submitted a deviation to the FSP. Solutia proposes to change the method for determining the sediment depth from "the first observed color change in the soil layers" to "the refusal depth of the manually pushed sample tube". The sample collection tube is a 3" diameter clear Lexan tube. Preliminary sampling activities showed color changes around 6" but the tubes could easily be pushed beyond that and the material below the 6" color change could also be characterized as sediments. I will discuss this change with Tim Gouger

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) There is a deviation in the sample procedure for sediments.

(Notes from the conference call held today with USEPA, USACE, and Solutia are attached to the end of this report.)

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) I informed Kimberly we have some concern initially of the deviation in the sediment collection. It is possible the sample would be diluted by collecting sediments from deeper than necessary. We are evaluating the validity of this procedure and the USEPA will converse with Solutia on this subject. This issue was resolved today during a conference call with McAteer, Gouger, Light, and Yare.

Has anything developed on the work, which might lead to a change order or $$\tt NO$$ $\underline{\tt YES}$ finding of fact?

- 1) Piezometers for the Slug Tests are being installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.

aterial, etc.	s for delays and ex	tent of delays, wea	ather, plant,
Work continues as expected.			
information, instructions or actions to	aken not covered on	QCR report or disa	agreement:
l) None			
SAFETY: (Include any infractions of app From Government personnel. Specify cor			instructions
L) None			
			o work.)
REMARKS: (Include visitors to project a			o work.)
			o work.)
			o work.)
			DATE
No work on 1-14-00 due to training sche	eduled for OBG pers	SUPERVISOR'S	

CONFERENCE CALL NOTES SAUGET SITE 1 January 13, 2000

Date: Thursday, 13 January 2000, 4:00 PM

'articipants: Mike McAteer, Tim Gouger, Mike Light, Bruce Yare

Subject: Sediment Sampling within Dead Creek

sediment sampling began within Dead Creek starting the week of January 10, 2000. Solutia Inc. submitted a deviation log to change the ampling procedure. Solutia wished to take composite samples over a several feet interval, rather than collect composite samples over the top 5.5" of sediment, the interval providing habitat for benthic organisms. The federal government maintained the sample procedure should not change as the characterization of the creek must be compared to the toxicity testing and baseline risk assessment to determine what, if any, sediments should be removed. On the conference call, Bruce Yare described the toxicity test results. He reported significant reductions to the survival of macroinvertebrates for just about every bioassay within the creek. While some reductions were reported for the reference areas, Bruce indicated these results did not lesson the severity to end points within the creek. Solutia Inc. maintains that a removal action is now necessary for the entire creek, from CSA-B through CSA-E. Section F will be revisited later. Solutia Inc. is prepared to remove sediments to native soils, as defined by geotechnical data in addition to visual observation, and place them into the TSCA Cell. Solutia Inc will still perform confirmation sampling. Solutia plans to reduce the leachability of remaining contamination, if any, through use of a liner and clean fill. Solutia plans to submit a report on their findings and a plan to remove sediments from proposed sections. Bruce Yare will be developing volume estimates based upon the profiling to adequately size the TSCA cell. Solutia Inc. will attempt to address the culvert restoration at the same time as the sediment removal action, but several issues need to be resolved.

Conclusion: Given this information, we are not concerned with taking sediment samples in the top 6.5" of sediments as these sediments will be removed. Taking the composite sediment samples over a several foot interval is satisfactory. As new information is provided, the adequacy of the plan will be evaluated.

Deep + Medin wells inshilled Sedinary Sampling continues

H conservate call with Mith Methal

Tim Gorger Brice Yave Mith Lish

troky about the Deviation No more concern with the sample

DAILY WORK LOG

		DATE Jeanary 13, 201.
PROJECT NAME Sauget Areal		Souget IL
WEATHER Clear, cool, high 40°F PRECIPITATIO	N none	TEMPERATURE 4043
NUMBER OF HOURS WORKED 41.5	NUMBER OF EMPLOYEES	35
ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA INSTRUCTIONS RECEIVED FROM SOLUTIA INSTRUCTIONS RECEIVED FROM USEPA DEVIATIONS VISITORS (NAMES & TITLES) EQUIPMENT	. TO STA., FOREMAN)	
7. LUNCH MEETING COMMENTS: 8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR) 9. REMARKS: 1.) Tasks D. Sluc tack 2002 (Mark & S.T.)	DISPUTES, ETC.) -D and ST-L-M	
(ollect Creek Sediment Samples Frang 18 E	•	5 INSIMSD, 16, 17W
Develop sluggest prezoneters SI-	N-D + 57-N-S	
Survey points which were sampled	or installed prev	idusly
2) Alone Surveyor to notify Rogers (a) 3) More 4) None	rtage @ office belove	surveying soilgas points
5.) See visitors log 6.) Dill rig: support vehicles: mon and pump	17 wing , 1/25, + 5 am	pling equip; generator
7.) None 8.) None 9.) None		
CC: K. Peny 13 NAVO E. Kenper @ 174	Σ Σ	
IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE	DE Havedire DE	HANDLE OF PREPARER / DATE

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SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time In	Time Out
N13/00	Chipot year	Su/cHa	3146743405	6430	6935
1113/00		1 Brien & Gere	314-280-6434	0646	1730
1130	TEN LAFFERTU	MAVERICIC		050	
1430		CAHOKIA PD	618337-9505	0650	
1/13/00	Dane Hoverdink	Obje	3148537692	0650	1730
[-13	Dane Hoverdink	006	314 280 6455	0700	1730
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Work Forecast for the day/week: 01-14-00 Date: 61-13-00
Project Name: Sauget Area Project Location: Sauget, IL
Company Name: OBrien & Gere Engineers
1. List Work Items and Locations Scheduled for Next Day/Week: No work Scheduled for His date
C.C. K. Perry 01/13/00
E. Kemper @ 1745
1: - 11 A I
If ADDITONAL SPACE IS REQUIRED. Name/Signaruye/Date of Preparer PECORD ON PEVENSE SIDE

Work Forecast for the dayweek: 17 JAN 00	Date: 13 1400
Project Name: Siutia - Sauget Area/ Pr	oject Location:
Company Name: OBG	
1. List Work Items and Locations Scheduled for Next I	Day Week:
· Continue creek sediment samp	ling in CS-F
· Develop slug test piez. at ST.	
· Coordinate Sluy tests	
- Continue surveying activities	
CC: K. Perry 1314NOO E. Kemper C1745	
DE Hove day	
If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE	me/Signature/Date of Preparer

SAFETY MEETING FORM (Piezonefer installation for slug tests)

CONDUCTED BY / COMPANY	DE Honordisk	10' Rrien + Cosc	DATE /3 JAN'00
	•		- SE of L. ST-N
PROJECT NAME <u>Soluta - Sa</u>	ger Meal	#R0025 100# 04	JE 15 L. 31-11
NEATHER <u>Clear</u>	ab EC b L7.	TON NOR	
NUMBER OF HOURS WORKED		NUMBER OF EMPLOYE	E3
1 SCHEDULED WORK:			
2 REFERENCES TO APPROPRIA	ATE SECTION OF F	SP & HASP	
3 HEALTH AND SAFETY ISSUE			
4 SPECIFIC HEALTH AND SAFE 5 COMMENTS	<u>. Y 1880E8 7 EUU17</u>	KING A - EN LUA	
(1) Piezoneter installation	for slug testing	piezometer develo	pamen+
(2) FSP# 5.14	HASP#2.6	(generally explicable)	
_		•	Augustina Lliena a mica C
roll-over: Potential	contect with	impacted soil + water	pressurized lines, noise a impacted impacted impacted impact from the
boring, slips / trip	as/falls, mus	de strain	
14) PPE is modified leve	1 D Wait mai	toring in breathing zone	using PID DAM 4- age:
respirator on hand if	u Agrade to leve	C is necessarie:	using PID PAM 4-gas; driller to inspect sig on
daily basis and re	dair as needed		
5 Drive w/ contion are	11 de Cald of	C	tes; smaking in vehicles
anly	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	segregar A	i : 3 ma zing in Willet
ATTENDANCE			
EMPLOYEE NAME (print)	EMPLOYEE S		COMPANY
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William E. Wright	- Agriculture	L'I	Hacelst
COLY WELLENKIAMS	bli a	eller 1	OBG
lamed Per	Jan 1		Solutia .
STEVEN (FITTO)		4 The	MAININE
SAN SAFES SOF	MALERIC	The	MRIALK
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	- All Tip		
Cl F. Perry	13411 00		
E. Kemper	01745		
			
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RECORD ON REVERSE S			SIGNATURE OF PREPARER
		13 JAN 0	
			DATE

SAFETY MEETING FORM (Sediment Sampling)

01:0:00		. 75 //	/ 1/	DATE 13 141/00
			O'Stien & Gere	
ROJECT	NAME Solution	- Sauget Areal	PROJECT LOCATIO	N CS-F
EATHER	e clear		TATEN <u>none</u>	TEMPERATURE ~32°
MBER	OF HOURS WORK	ED	NUMBER OF EMPL	CYEES
SCHE	DULED WORK:			
		OPRIATE SECTION		
		ISSUES WITH SCHEE SAFETY ISSUES PE	QUIRING ATTENTION	
COMM				
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		HASI		
) /	Moder tiel conte	et with impacte	ed sediment + Wefer	: Breathing of impacted the book; muscle strain
	Vapots ; Sips	/ thps / ta/ls	TATO WATER OF ABUN	THE PARE : MUSCIE SHELK
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	rucks or aprov	s during samp	ling, chemical resista	at aloves, air monifering
	reathing Zone	using the PID.	the vests in water	over 2 ft. day
}	·			
) 50	presate wastes	gross equip. de	con before leaving creek	drive with contian in the
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				DATE

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	088	
PROJECT	DATE	017 January, 00	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR	WEATHER	Cloudy & Rain, Temp. 32°F	
O'Brien Gere			

CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) **Sediment Sampling:** Sampling is continuing for Creek Segment F. there are 40 locations through out CS-F, 24 of them have been collected to date.

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) None

Verbal instruction given to contractor: (Include names, reactions and remarks)

1; None

Has anything developed on the work, which might lead to a change order or $$\tt NO$$ $\underline{\tt YES}$ finding of fact?

- 1) Piezometers for the Slug Tests are being installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Work continues as expected.

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)				
1) None				
REMARKS: (Include visitors to project and mi	scellaneous	remarks pertinent to	work.)	
		-		
				
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE	
01-17-00				

All red; have been the slig tests - to to the down at this time testing has been

Creek Sedment Sungling continues

DAILY WORK LOG

DATE 17/4/100

PROJECT NAME	slutia - Sauge	t Area / =	ROJECT LOCATION	CS-F; ST-L
				TEMPERATURE ~32%
NUMBER OF HOURS	WORKED 43	N	IUMBER OF EMPLOYE	ES _ <u>5</u>
1 ITEMS WORKED 2 INSTRUCTIONS 3 INSTRUCTIONS 4 DEVIATIONS 5 VISITORS (NAMI) 6 EQUIPMENT 7 LUNCH MEETING 8 UNUSUAL EVEN 9 REMARKS:	ON (ITEM NO., DI RECEIVED FROM RECEIVED FROM ES & TITLES) G COMMENTS: ITS (FIRE, FLOOD	ESCRIPTION, STA. I SOLUTIA I USEPA , STORM, LABOR DI	SPUTES, ETC.)	installations
7) None	lides, 145 e	gmp., Samplin	equip, generally	ing rain in the pirm.
CC! K. 1	Perry 17	IANOU 2 1700		
	SPACE IS REQUIR		Haverdink / D.S.S. PRINTED NAME / SIGN	Varedmy 1754000 NATURE OF PREPARER / DATE

Work Forecast for the day week: 18 JAN 00	Date: 175400
Project Name: Solutia - Sauget Areal	Project Location: 65-F
Company Name: O'Brien + Gere	
1. List Work Items and Locations Scheduled for No	ext Day Week:
· Continue sediment sampling in	CS-F
, ,	
· · · · · · · · · · · · · · · · · · ·	
4. 0	
CC: K. Perry 17-JAN00 E. Kemper @1700	
E, remper @1700	
	
	1 1050/ 1175

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

Name/Signature/Date of Preparer

SAFETY MEETING FORM (Sediment Sampling)

PROJECT NAME Solution - Sauget Area! PRESENTATION DONE TENSERVILLE VIZ. TEMBER OF HOURS WORKED SCHEDULED WORK 2 REFERENCES TO APPROPRIATE SECTION OF FSP 2 HASP. 3 HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK 2 SPECIFIC HEALTH AND SAFETY ISSUES PEQUINING A TENT ON 3 COMMENTS DESCRIPTION SUBJECT WITH SCHEDULED WORK 2 SPECIFIC HEALTH AND SAFETY ISSUES PEQUINING A TENT ON 3 COMMENTS DESCRIPTION SUBJECT WITH INSIDES PEQUINING A TENT ON 5 COMMENTS DESCRIPTION SUBJECT WITH INSIDES PEQUINING A TENT ON 5 COMMENTS DESCRIPTION SUBJECT WITH INSIDES PEQUINING A TENT ON 5 COMMENTS DESCRIPTION SUBJECT WITH INSIDES PEQUINING A TENT ON 5 COMMENTS DESCRIPTION SUBJECT WITH INSIDES PEQUINING A TENT ON THE DATE OF MESSAGE STREET FRUIT SEARCH WITH IN THE PROPRIET OF LINEAR STREET OF MESSAGE STREET FRUIT SEARCH WITH IN THE PROPRIET OF LINEAR STREET OF MESSAGE STREET SUBJECT OF WASTELL STREET WITH INSIDE SUBJECT WITH SOUTH A TEXT OF THE SUBJECT WAS AND THE SUBJECT WAS AND THE SUBJECT WAS AND THE SUBJECT OF THE S	CONDUCTED BY / COMPANY /	(+ devotop ST-L prezonetus) X Haverdink (O'Brien + Gere	DATE 17 JAN 00
NEATHER Cloudy SEEDPTION DONE TENEDROPE 132' NUMBER OF HOUS WORKED NUMBER OF EMPLOYEES 1 SCHEDULED WORK 2 REFERENCES TO APPROPRIATE SECTION OF ESP & HASP 3 HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK 5 SECTION OF ESP & HASP 6 SECTION OF ESP & HASP 7 SECTION OF ESP & HASP 7 SECTION OF ESP & HASP 8 SECTION OF ESP & HASP 9 COMMENTS 1 Section of Seaffing 1 Slug feet piez development; Continue Senting of senty 10 Estimate Seaffing 1 Slug feet piez development; Continue Senty ing of senty 11 Section 1 Seaffing 1 Slug feet piez development 1 Deter 1 Stratus, of impacted 1 Senty		•	
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D FSP # 5.20 MSP # 2.9 D Polestial Contact with impacted sediment + Water; heating of impacted vegots; Stips / trips / Gills into water or down the bank, muscle strain. Etablic stack from generalise thum; muscle strain; slips / trips/site. D PR is level D with tubbat books or waders (depending on creek Conditions) and trusts or appears during sampling, chamical resistant glores, air most bring i breating zone using the PTD. It is vests in water over 2 th day Suggregate vester, gloss examp decon before leaving creek, drive with courten in the assa, stocking in support reliefs only. ATTENDANCE EMPLOYEE NAME DOTT: FOR INTERIOR DECONSTRUCT OF THE SIGNATURE OF DECONSTRUCT OF GRAND OF G	3 HEALTH AND SAFETY ISSUE - SPECIFIC HEALTH AND SAFE	ES WITH SCHEDULED WORK	
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TIAN O	William E Wright David Thompson Windry Year MARKY KREEN Anoly Delcan	Million E. Muster Million E. Muster Mary Color 17-1100	046 046 046 046
	William E Wright Dain Thomps Winder Y Penny MARY LARGEN Anoly Second CC: K. Perry F. Kemper IF ADDITIONAL SPACE IS REC	Million E. Marineson And Marineson	OBG OBG OBG Soldra 2-El 2-El 2-El

SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time in	Time Out
VF 100	Kubernem	Solitie	314-674-3402		242
1-17	Dove Have raink	036	314-280-6435	0700	1700
1-17	Rill Wright	UNG '		0700	1730
1-17	Doren Thomason	086		0700	1730
1-17	11m1 888363	UBC	314-240-6431	(570)	1000
1/2-100	'COLIN WELLENKAMP	OBG. MAJERIUK	142-4550	0753	1230
114/10	MARK GREAT ANN DELAW	MAVERICK	<u> </u>	0705	100
1-17-00	MIRK men	761 5EI	66-1900		1530"
1-17-00	Ann DELAW	5EI	664-1900	0800	1530
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INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH T	
	REPORT NO.	089
PROJECT	DATE	018 January, 00
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.	
CONTRACTOR	WEATHER	Cloudy, Temp. 40°F
O'Brien Gere		

CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: Sampling is continuing for Creek Segment F. there are 40 locations through out CS-F, 36 of them have been collected to date.

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1: Weston took splits of the sediment samples in CS-F $\,$ # 34 and 36 the sample depths were taken from 0 to 14 inches.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO YES finding of fact?

- 1) Piezometers for the Slug Tests are being installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Work continues as expected.

Information, instructions or actions taken not	covered on	QCR report or disag	reement:
1) None			
SAFETY: (Include any infractions of approved s From Government personnel. Specify corrective			structions
1) None			
REMARKS: (Include visitors to project and misc	cellaneous r	emarks pertinent to	work.)
TNGDDGTODG/G GTGNTTUDD	DATE	SUPERVISOR'S	
INSPECTORS'S SIGNITURE	DATE	INITIALS	DATE
ESK.	01-18-00		

B1 119

Sediment Souple continues Splits taken in C5-F = 34 + = 36 depts were at 14"

pi mac

finished CS-F and outing in CS-E this will take mare ting as no depths have buen recorded yet OBC will do all the wale at

DAILY WORK LOG

CATE 18 JANCO

EATHER	-loudy	PRECIPITA	TICH AGAR	TEMPERATURE ~40
MBER OF HO	DURS WORKED _	5/	NUMBER OF EMPLOYEE	s <u>6</u>
ITEMS WOF	RKED ON (ITEM N	O DESCRIPTION S	STA TO STA FOREMAN:	
	ONS RECEIVED F			
INSTRUCTI	ONS RECEIVED F	ROM USEPA		
DEVIATION				
VISITORS (NAMES & TITLES:			
EQUIPMEN				
	ETING COMMENT			
UNUSUAL E	VENTS (FIRE FL	OOD STORM LABO	OR DISPUTES ETC)	
REMARKS:				
			in <	CS-F ; whered field dups a wester at 534 am 536
Col	lected sed.	camples from -	525 - 534 , 536 , 537 4	; collected field dulls a
ر ک	2 +536 ;	split sed. 54	- Nes of Ent Kenger of	Wester at 534 and 536
		<u> </u>	<u> </u>	
None				
None				·
None				
More		Hesegup.; s	5 due to difficulty wit	the sample peccuring
	1 24.4	1811.100		
	L. Pary	1812100		
<i>(</i> <u>4</u>)	E. Kemper	1811NOC @ 1730		
	L. Peiry E. Kemper			
	E. Kenger			
<i>CG.</i>	E. Kemper			
	E. Kemper			
	E. Kemper			
	L. Peiry E. Kemper			
	E. Kemper			

CONDUCTED BY/ COMPANY	Hamilit 10' Bres & Gere	DATE /3
PROJECT NAME Solution - Saug		ON CS-F
NEATHER <u>cloudy</u>	_ PRECIPITATION <u>Overaight</u>	TEMPERATURE ~32%
NUMBER OF HOURS WORKED	NUMBER OF EMPL	CYEES
1 SCHEDULED WORK:	CONTINUOS SON ALLACE	
2 REFERENCES TO APPROPRIATE 3 HEALTH AND SAFETY ISSUES V	WITH SCHEDULED WORK	
4 SPECIFIC HEALTH AND SAFETY 5 COMMENTS	ISSUES REQUIRING ATTENTION	
1) Sodinent sampling		
D FSP # 5.20	HASP # 2.9	
	esup decon before leaving creek	
EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE Y	COMPANY
Colin Wellenkmy	Jali gulleton	MAVERICK.
Kinger y Per	Kill Box	
Ran LABORE on	Rosy Wall.	CANDED / d BIS
CATEN-THOMPSON	Chain Thompson	DBG
William E. Wight	for illust lifught	<i>D</i> 3/
Mek Kakers	Age of the state of	OBG
Marrie Cara	4 Com	76.
THE COLUMN		
a: K. Pery 18400)	
F. Kemper @ 1730		
		The state of the s
		The second secon
∀4. • • • •		
	:	
· · · · · · · · · · · · · · · · · · ·		
IF ADDITIONAL SPACE IS REQUI	IRED. DE Haverdirk!	

Work Forecast for the day week: 17 JANGO Date: 18 JANGO
Project Name: Sluffa - Sauget And Project Location: 55-F
Company Name: 286
1. List Work Items and Locations Scheduled for Next Day Week:
- Continue collecting sed samples in CS-F
Begin performing sed depth measurements and inflecting sed samples in CS-E
CC: K. Perry 1814000 E. Kemper @ 1720
2, rungs C 1750
2.75

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

Solutia Inc.
Sauget Area 1
(Please Print)

sed sampling

Pate	Name	Organization	Phone #	Time in	Time Out
Jan Just	Enthern	(Fa)		8.30	507
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1.17					
26 (20)					
2. (3)					
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基料 66					t id put
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No.					11:11
reituig Nederl					
No.					100
Here !					
atti i Afrika Parati					Cale
(Mar.)					1.44
L. Harris					

SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

	Date	Name	Organization	Phone #	Time In	Time Out
	1/19/00	Kem bur There	Suction	314-674-3402	17632	1515
	1-15-00	Nick lenkin	066	3148424880	0635	1738
	1 18-17	RON 2 416656 18	Codport of 1 Sec. 15 18 18	Get 337 1119	0200	1630
	1-18-w	Done Hoverank	086	314 280 6435	0700	1730
	1-18-00	William La Words	016/-		6712	1730
ļ	1418-10	Downen G. Thompson	0.00	3:4-393-7692	מקנט	1730
J	1/4/00	Benlackspry	Wenselei, c		0100	
_	18-3000	COLITICIONE parge	030.	5/12, 455 U	0707	17.30
	14:-00	101A1-1- (j-18d)	2-21	66 1700		3:45
	1-18:00	Descripes Holimphico	201	660 1900	07 YS	5,15
١	1-14-42	Timtedesci	0/36	314010 6433	0800	0865-
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INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	090	
PROJECT	DATE	019 January, 00	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR	WEATHER	Cloudy, Temp. 35°F	
O'Brien Gere			

CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: Completed sediment sampling for Creek Segment F. Begin Sampling CS-E

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Weston took splits of the sediment samples in CS-F # 38 and 40 the sample depths were taken from 0 to 14 inches.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO \underline{YES} finding of fact?

- 1) Piezometers for the Slug Tests are being installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Sample location 35 in CS-F was not taken due to no sediment recovery. This station will be skipped until further notice.

Information, instructions or actions taken not covered on QCR report or disagreement:				
1) None				
SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)				
1) None				
			· · · · · · · · · · · · · · · · · · ·	
REMARKS: (Include visitors to project and misc	ellaneous re	emarks pertinent to wor	ck.)	
		T		
inspectors's signiture	DATE	SUPERVISOR'S INITIALS	DATE	
	01-19-00			
_				

DAILY WORK LOG

DATE 19 JAN 00 PROJECT NAME Solution Sauget Area! PROJECT LOCATION (S-F & E NEATHER cloudy PRECIPITATION light CHIZZLE ON FOR TEMPERATURE ~35% NUMBER OF HOURS WORKED 5/ NUMBER OF EMPLOYEES 6 ITEMS WORKED ON (ITEM NO., DESCRIPTION STA TO STA FOREMAN) INSTRUCTIONS RECEIVED FROM SOLUTIA INSTRUCTIONS RECEIVED FROM USEPA DEVIATIONS VISITORS (NAMES & TITLES) EQUIPMENT 7. LUNCH MEETING COMMENTS: 8 UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) 9 REMARKS: Collected sed-samples in CS-F+CS-E : performed sod depth measurements in Collected samples 60 538-540 in CSF + MS/MSD @ 539 + 501.75 W/F. Kemper @ 538 + 540 : collected samples @ 51-52 in CS-E Hold off collecting a sed samp. A 535 in CS F until further notice None None See a Hacked visitors log Support vehicles, the Signip, menitoring equip, sampling equip. (7) None (8) None Difficulty obtaining samples in CSE clue to refusal on what seems to be roots or other obstructions (non-sediment) CC: K. Perry 18 11W00 E. Kemper

It Havesdink

PRINTED NAME / SIGNATURE OF PREPARER / DATE

IF ADDITIONAL SPACE IS REQUIRED.

RECORD ON REVERSE SIDE

SAFETY MEETING FORM (sediment sampling)

CONDUCTED BY / COMPANY	E Havesdonk /	O'Brien & Gere		-00
PROJECT NAME Solution Sa	uget Areal	PROJECT LOCAT	ON 65-F 65-E	
WEATHER Cloudy	PRECIPITA	+ Ch light disease		-309
NUMBER OF HOURS WORKED		NUMBER OF EMP	LOYEES	
1 SCHEDULED WORK: 2 REFERENCES TO APPROPRIA				
3 HEALTH AND SAFETY ISSUES 4 SPECIFIC HEALTH AND SAFET 5 COMMENTS:				
1 Soliment sampling	- sed. depta	measure ment		
D FSP # 5.20	HASP +	2. 9		
3 Polential contact w	ith impacted	sediment + Water	breathing of impo	uted
cold weather efects	os/fells in	to water or dow	n the book; muscle's	frech;
(4) PPE is level D with	subber books o	or waders (depen	dung on creek condition	5)
(4) PPE is level D with ty waks or aprons de breathing zone using	Ming Sampling	chemical resist	tent gloves, air moni	toring in
cold whather sympton	is & take app	whore warming i	break-	
Sugregate wastes, gro area, smoking in sup	es equip decon post vehicles confe	before leaving cree	k, drive with courtien	in the
ATTENDANCE:				
EMPLOYEE NAME (Drint)	EMPLOYEE.	SIGNATURE	COMPANY	
KEN LAFFERNY	Mys	h stof H	MAURICICIC	
Mick Jankins	Hickory	culesas	Solitia	
DAD ON THOMOSON	Jones	2 Proposition	11360	
THE STEEN CORNES	J. J. Mi	July of	CAMICIAY	. 14
COLIN WELLENKAMU	- Colin	alling,	086	
CC: K. Perry	19 5/100			
E. Kemper	0 1800			
		······································		
IF ADDITIONAL SPACE IS REC		DE Havesdink	DE Haverling	
RECORD ON REVERSE SI	IDE	PRINTEDINA	ME / SIGNATURE OF PREPA	RER
			SAN 00	
			DATE	

SITE VISITOR LOG

Solutia inc. Sauget Area 1 (Please Print) CS-F Creek sed samp.

5	Name	Organization	Phone #	Time in	Time Out
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SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time In	Time Out
11900	Kimbert Terry	50/दोव	314-674-3402	0635	1702
1/19/00	DAVE HAVEDINK	086	314 280 6435		1820
(18/00)	BILL WRIGHT	OHO	314 ZBU 434		(958/
Wish	DAREN THOMPSON	the	3/4 343 7692	07/->	830
17 62	Kes Lappcoru	MAUERICIZ		07cx	
111111111111111111111111111111111111111	MAH Stelnen 0	(Alokia P.D.	618-337-954	6700	1630
11-20	Nick Jankins	015 6	114 842 4550	0700	1530
	William E. Literatil	086 086	314 845 4280	0700	
MACU	Timlecksus	୍ର ପ୍ର	314-210-6433	0840	1945
1-1900	Coi. I Welle NIA	CAL.	842-4550	0655	1820

WORK FORECAST

Work Forecast for the day week: 2	0 JANOO	Date: 19 VAN 00
Project Name: State - Sauge + Ar	ea / Project Location	CS-E
Company Name: D'Bree +6	e^e	
1. List Work Items and Locations Sc	heduled for Next Day Week:	
Continue performing sec	d. depth measurements as	nd collecting sed.
sumples in CS-E		
CC: K. Parry 19 1/6 E. Kanos 0/80	NOO D	
- Capa (- 700		
	DEThursding DERL	- 19 JANOO

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

Name/Signature/Date of Preparer

WORK FORECAST

Work Forecast for the day week: 24 MOO Date: 19 SWOO
Project Name: Solution - Sauget Area / Project Location: Sauget / Ca hokin
Company Name: O'Bren +Gere
1. List Work Items and Locations Scheduled for Next Day Week:
· Move and dump slug test drums
· Perform upgradient alluv. ag sampling
· Perform back ground soil sampling
· Continue performing sed depth measurements and collecting
Creek sea. Samples
CL: K. Porry 19 JANOU
E, Kemper C 1800

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

Name/Signature/Date of Preparer

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	091	
PROJECT	DATE	020 January, 00	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR	WEATHER	Cloudy, Temp. 25°F	
O'Brien Gere			

CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: Continue sampling Creek Segment E

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Ice, cold weather, and deep water are hindering sampling efforts.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO \underline{YES} finding of fact?

- 1) Piezometers for the Slug Tests are being installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assesment.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Sample location 35 in CS-F was not taken due to no sediment recovery. This station will be skipped until further notice.

Information, instructions or actions taken not	covered on	QCR report or disagree	ement:
1) None			
·			
SAFETY: (Include any infractions of approved s From Government personnel. Specify corrective			ructions
1) None			
		 	
REMARKS: (Include visitors to project and misc	ellaneous re	emarks pertinent to wor	rk.)
Confirmed with Steve Brodman that he will be p			25 th and 26 th
with Menzie Cura when they sort their ecologi	cal samples	•	
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
	01-20-00		

and the second s

De 120

Sediment Soundier in CS-E

Scolman Atlanta

DAILY WORK LOG

		205		59 <u>5</u> 0,97	===0\. <u>/</u>	CAL		TEMPERAT	.== <i>~<u>ZØ</u></i>
MBER C	F HOU	RS WORKE	o <u>42,</u>	5	_ NUMB	ER OF EMP	LOYEES _	5	
ITEMS	WORK	ED ON (ITE	M NO. DE	SCRIPTION	STA TO ST	A FOREM	AN)		
		S RECEIVE							
		NS RECEIVE	D FROM L	JSEPA	· · · · · · · · · · · · · · · · · · ·				
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		MES & TITE	.ES:						
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	ippoit	vehicles,	H45 240	Up- SAN	<u> </u>	ing property	105 mg 2 gg	niρ	
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N W	ing ing	vehicles,	145 squ	UP. 52A	ping 2 y nig	MUNI	prorg 290	uip.	
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N N	ing ing ine	renicles,	145 sq.	UNOC	φ/ng 2 g . n/2	in in in its and its a	21.17g 2.40		
	ing ing ine	Perry Kampa			1 / na 2 a 1/4	Moni	25 mg 2 gc		
N V	ing ing ine	Perry Kampa	25	ムムシン	1 / na 2 y n/3	Moni	51.70 2.91		
N V	ing ing ine	Perry Kampa	25	ムムシン	ping 2 g ais	MUNI	25.7g 290		
N V	ing ing ine	Perry Kamper	25	ムムシン	1 / na 2 a n / 2	Muni	21.79 2.91		
N V	ing ing ine	Perry Kemper	25	ムムシン	1 / n	Muni	01 mg 2 gc		
	ing ing ine	Perny Kampa	25	ムムシン	1 / na 2 y n/3	MUNI	51 mg 2 gl		
	ing ing ine	Perry Kinger	25	ムムシン	φ/n= 2 4 12	Muni	21.70 2 gc		
	ing ing ine	Perry Kampa	25	ムムシン	1 / na 2 a n / 2	Muni	25 mg 2 gc		
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SAFETY MEETING FORM

	Sediment Samonney	SATE AU ALOU
DONOUGTED BY COMPANY 2	- Harridge / 12 Drag & Gora	
	uget Area/ ==0.EST LOCATION	<u>0) 8</u>
NEATHER <u>Clear + 2007</u>	======================================	TEMPERATURE <u>WAR</u>
NUMBER OF HOURS WORKED	NUMBER OF EMPLOA	EE3
1 SCHEDULED WORK.		
2. REFERENCES TO APPROPRIA		
3 HEALTH AND SAFETY ISSUES 4 SPECIFIC HEALTH AND SAFET	TISSUES REQUIRING ATTENTION	
5 COMMENTS		
1 Soliment sampling	& sed depth measuring	
(D) FSP # 5.20	HASP # 2.9	
3 Potential contact w	ith impacted sediment + water; or falls into water or down t	breathing of impacted
cold weather effects	of talls into water or down t	te Date; Musere 3774h;
(4) PPE is level D with	rubber books or waders (depending forming sampling, themical resistent the PID. The wests in water or	on creek conditions) and
treathing ZONG issing	the PID. He wests in Water on	IT A FF das : Warmin
breaks as appropriate		
• •	•	
Dagregate Waster gro	ss equip decon hatare leaving creek.	drive with coupon in the
area, stoking in sup	post vendes only	
ATTENDANCE : EMPLOYEE NAME print	EMPLOYEE,SIGNATURE	007947
Guten 10	Maistan Ar	Color
CHOMPS 'R. BALDWIN	- Marth 1 1	CAMERIA P.D.
KIEN LAFFERTY	- Marth 1 st	MALECICE
TARBU THOMPSON	& area Thomson,	ORGO
William E. Wriger	Millian E. Alaget	006
COUN WRUCHERT	Eli Welling	006
		
	<u> </u>	<u> </u>
CC: K. Pary	20 JAN 00	
E. Kimper	C 1300	
IF ADDITIONAL SPACE IS REQ	MUIRED. DE Haverdink D	E Haverdon's
RECORD ON REVERSE SI		SIGNATURE OF PREPARER
	<i>n.</i> .	
		DATE
		UAIE

WORK FORECAST

Work Forecast for	rhedin weeki Jaj	auxy 21, 2	020	<u>01-19-28D</u> 0
Project Name: S	auget three 1			Sauget, IL
Company Name:	OBrien & C	gere		
	ns and Locations Sc Sedimont			Station 53
······································				
CC. K.	Kemper	20 T	San 00 1800	· · · · · · · · · · · · · · · · · · ·
	Villiam E. W.	ght lalite	lin Elikida	1 30 has 00
If ADDITONAL SP.	ACE IS REQUIRED. REVERSE SIDE	JF	Yame Signature Dat	e of Preparet

SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time In	Time Out
1 27/62	Timbred of Price	3.1.111	5/1-1.14 JYCK		1134
1/24/17	William = 11/-1/11	131-	3/1-2/3-608	1843	1830
1/20 00		CV36	314393764		1530
1-7-	Dave Haverank	vôc.		-21.5C	1500
450	KAN PARCE BAN	m 13 Vill (K	615 337 4505	+ 74.5	
1.200	TICHIS BILLIA. NI	CAUCISH PP	618 377 9505	670,5	1619
1-3700	Ti-ledesic	i > i	912-4550	1752	1830
1-20:0	Ti-Telesis	GB 6	311-220.6133	6300	0742
1/20/00	SCOT MEXITS	WESTER V	5479184110	11300	150%
<u> </u>					
					
				 	
				 	
					l
 					·
				 	
				<u> </u>	

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR. 415-1-302) REPORT NO. 092 PROJECT DATE 021 January, 00 Solutia Sauget Area 1 CONTRACT NO. Sauget, IL CONTRACTOR Cloudy, Temp. 35°F WEATHER O'Brien Gere

CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: Continue sampling Creek Segment E

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Ice, cold weather, and deep water are hindering sampling efforts.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO \underline{YES} finding of fact?

- 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assesment.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Sample location 35 in CS-F was not taken due to no sediment recovery. This station will be skipped until further notice.

Information, instructions or actions taken not	covered on	QCR report or disagree	ment:
1) None			
			,
SAFETY: (Include any infractions of approved s From Government personnel. Specify corrective			uctions
1) None			
			,
REMARKS: (Include visitors to project and misc	ellaneous r	emarks pertinent to wor	k.)
Confirmed with Steve Brodman that he will be p			5 th and 26 th
with Menzie Cura when they sort their ecologi	cal samples	•	
	T		
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
	01-21-00		

DAILY WORK LOG

DATE 21 LANGO

PROJECT NAME Solutia - Sauget Area/ PROJECT LOCATION CS-E; ST-L, ST-G NEATHER Clear - partly cloudy PRECIPITATION none TEMPERATURE ~ 25% NUMBER OF HOURS WORKED 45 NUMBER OF EMPLOYEES 5 ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA. FOREMAN) 2 INSTRUCTIONS RECEIVED FROM SOLUTIA INSTRUCTIONS RECEIVED FROM USEPA 4 DEVIATIONS VISITORS (NAMES & TITLES) 6 EQUIPMENT LUNCH MEETING COMMENTS: 8 UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) 9 REMARKS: (1) · Collected sed samples from C5-E at 58-59: collected MS/MSD at SE Moved stuatest downs from ST-L and ST-6 to Judith La waste staging area Hepated for upcoming activities Vsie Rental truck w/ lift gate; drum dolly; suppost vehicles; Itas equip. Vano None None 21 DWW IF ADDITIONAL SPACE IS REQUIRED.

RECORD ON REVERSE SIDE

SAFETY MEETING FORM (sediment sampling) (+ potential dfun mov DATE 21 LAND CONDUCTED BY / COMPANY : Dr Haverdink O'Rosen + Gere PROJECT NAME Solution Sauget Area/ PROJECT LOCATION CS-E; ST-L, ST-6 WEATHER Clear PRECIPITATION NOVE TEMPERATURE 15% NUMBER OF HOURS WORKED NUMBER OF EMPLOYEES SCHEDULED WORK: 2 REFERENCES TO APPROPRIATE SECTION OF FSP & HASP 3 HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK: 4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION 5 COMMENTS: + sed depth meas. . potential drum movement - s/my test drums FSP \$ 5.20 WASP # 2.9 Potential contact with impacted sediment + water; breathing of impacted slips / trips / fells into water or down the book : muscle strain : pinched fingers / per PPE is level D with rubber books or waders (depending on creek conditions) and ty veks or aprons during sampling, chemical resistant gloves, air monitoring breathing zone using the PID. The vests in water over 2 ft. breaks as appropriate Supreparte wastes, gross equip- decon before leaving creek, drive with courton in the area, smoking in support relider only ATTENDANCE EMPLOYEE NAME (print) iam E. Wrig CAHOKIA P.D. SON PAFEAREN MAUEPKŁ CC: K. Pelly 21 MN00 E. Kemper e 1730

IF ADDITIONAL SPACE IS REQUIRED.

RECORD ON REVERSE SIDE

DE Have din 2 Hours of PREPARER

PRINTED NAME / SIGNATURE OF PREPARER

21 JAN00

DATE

WORK FORECAST

Work Forecast for the day week: 24 JANOO Date: 21 JANOO
Project Name: Solutia - Sauget Area Project Location: CSE; upgrad, well
Company Name: 086
1. List Work Items and Locations Scheduled for Next Day/Week:
· Continue performing sed. depth measurements and collecting sed. samples in CST
· Parform prep. inspection mtg for background soil sampling
· Begin buckground soil sampling and continue upgradient alluvial aguifer sampling
CC: K. Perry 21 JAWOD E. Kemper @ 1730
If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE DE Haverdirly State of Preparer Name (Signature Date of Preparer

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time In	Time Out
14/4	19mbid y Perry	らしてす	314-624-340	-0633	という
61/21/0	William E. Workt		34-280-6434	1650	1855
6/11/01	Dave Haverdink	0136-	34-280-6135	0650	1800
0121 00	LIMMY JOHNS	CAHOKIA POLICE DEPT	ሬ (የ 337 ዓመ <i>ទ</i>	0659	1700
12100	KILLAFRITTY	MAURICIC		olor.	mibliolistic in son
1/2/6	Janen Thorse	UP3CO	3/4 34 3257	0704	1805
1/3//62	CXIN LELLENGAM	OBB	3/4.7 <i>10.433</i>	aF00	60:01
12140	Cain wellen LAMI	CBR	842,4550	OCCO	
Fotos	Thedeas	036	314-280-6833	(SE)	157C
					Production Co.
					a designation
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3					i e e d
					in A. C. Cap.
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INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	093	
PROJECT	DATE	024 January, 00	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR	WEATHER	Cloudy, Temp. 32°F	
O'Brien Gere			

CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: Continue sampling Creek Segment E
- 3) Background Sampling: Conduct Preparatory meeting for Background Sampling, one surface and one sub-surface sample will be collected from three areas. OBG will also continue the upgradient water sampling at this time. The locations are the same for the water and soil. OBG collected soil and water sample near EE-20

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Ice, cold weather, and deep water are hindering sampling efforts.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO \underline{YES} finding of fact?

- 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assesment.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Sample location 35 in CS-F was not taken due to no sediment recovery. This station will be skipped until further notice.

Information, instructions or actions taken	n not covered on	QCR report or disa	greement:
1) None		•	-
1, 10.10			
SAFETY: (Include any infractions of approx From Government personnel. Specify correct			nstructions
1) None			
REMARKS: (Include visitors to project and	miscellaneous re	emarks pertinent to	work.)
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S	
inspectors 5 significate 7	52	INITIALS	DATE
	01-24-00		

DAILY WORK LOG

DATE 24 JAN 00

PROJECT NAME Solutia - Sauget Area/	PROJECT LOCATION	CS-E, EE-ZO
MEATHER <u>Clear</u> PRECIPITAT	c. <u>none</u>	TEMPERATURE #32°F
NUMBER OF HOURS WORKED 56	NUMBER OF EMPLOYEES	6
1 ITEMS WORKED ON (ITEM NO., DESCRIPTION ST 2 INSTRUCTIONS RECEIVED FROM SOLUTIA 3 INSTRUCTIONS RECEIVED FROM USEPA 4 DEVIATIONS 5 VISITORS (NAMES & TITLES) 6 EQUIPMENT 7 LUNCH MEETING COMMENTS: 8 UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR 9 REMARKS:		
(1) · Collected sed, samples in CS- · Collected back ground soil sam	E at SD-514	
· Collected back ground soil sam	Non # 58-60	Surface + Subsurface
(2) None (3) None (4) None (5) Soo a Hacked visitors log		
6) Geoprobe 179, sampling equip., H	-s equip., monitor	ry Rquip., SUPPOST vehicle
7) None 8) None		
9 Nane		
CC: K. Porty 24JANOO E. Komper C 1800		
IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE	DE HOUSE diAL DE	TURE OF PREPARER I DATE

C Thomas OBG Francis ORKLOG WYO

CLARIFICATION LOG

INDIVIDUAL REQUESTING CLARIFICATION / COMPANY: D'Brand Come DATE 1/24/0
HEALTH & SAFETY APPROVAL REQUIRED: YES: NO:
PROJECT NAME Solution South Are 1
WEATHER Cold & Class PRECIPITATION None TEMPERATURE 1507
NUMBER OF HOURS WORKED U/A NUMBER OF EMPLOYEES U/A
1. CONTRACT ITEM BEING WORKED ON: 2. ITEM BEING CLARIFIED (REF. APPROP. SEC. OF FSP/HASP): 3. REASON FOR CLARIFICATION: 4. CLARIFICATION TO BE IMPLEMENTED: 5. EQUIPMENT 6. DEVELOPMENTS WHICH MIGHT LEAD TO ISSUANCES OF A CHANGE ORDER OR BE THE BASIS OF A CLAIM (EQUIPMENT TIME: MANPOWER ETC.): 7. REMARKS 1. Upg realized (Tran) Water Sempling Sect. S. 16 - Include approx in Sect 5.16.1 for Obtaining grand water Sempling vita approximate the factor of existing grandwater of takker of equivalent sempling technology." In place of existing grandwater of Then being clientry is that use of his presson have eleptor to the parker and tralegae (Ditangen 928 through the approximate to be with from using a periotic to pump. (3. Clientrian is necessary to advise tentors to be the sempling method. Cleentriaben at setting 5.16.1. (4. Clientrian is necessary to appen mill slot pethozys enabling ground water Sempling method. Cleentriaben at setting 5.16.1.
6) Nitrogen ges source & high pressure lines
@ Project Chy. Order # 5-Revised Submitted & 2 pproved
(7) (Vone
Submitted to Weston on 24152000 at 0800
PRINTED NAME / SIGNATURE OF PREPARER 24 Jan 00 PRINTED NAME / SIGNATURE OF USEPA REP I DATE PRINTED NAME / SIGNATURE OF USEPA REP I DATE

IF ADDITIONAL SPACE IS REQUIRED,

Proposed Water Sampling Methodology

Harriss Drilling Services, Inc., (HDSI) will utilize our Power Probe 9400 with GeoProbe equipment to acquire groundwater samples from 5 depth locations.

There are 3 - 100' and 2 - 60' locations remaining. We propose using a Geoprobe Mill Slot rod attached to our 1 1/4" diameter probe rods. Previous problems occurred relating to clays and silts blocking the cone tip opening and prohibiting water from entering the probe rods.

Our procedures are to drive the inplace sampler to 60' and 100', attach a high pressure hose adapter to the top probe rod and release nitrogen gas through the rods. This procedure should open the mill slot pathways enabling groundwater to be withdrawn using a peristaltic pump. During purging procedures, we could periodically use nitrogen gas should the screen opening become clogged.

SAFETY MEETING FORM (Upgred. Glusamp. + backgr. soil samp.)

CONDUCTED BY / COMPANY	DE Haverdink	10 Brien + Gare	DATE 29 VINOU
PROJECT NAME Solutia - S	/		background wells = sor 1 Sa
NEATHER <u>Clear</u>	PREC.PITA	TON NON	TEMPERATURE <u>WSb</u>
NUMBER OF HOURS WORKED		_ NUMBER OF EMPLOYE	ES
1. SCHEDULED WORK: 2. REFERENCES TO APPROPE 3. HEALTH AND SAFETY ISSU 4. SPECIFIC HEALTH AND SAF 5. COMMENTS: (1) Upgradien + GW samp (2) FSP # 5.16, 5.19	JES WITH SCHEDUL ETY ISSUES REQUI	ED WORK. RING ATTENTION d Suil sumpling	
3) Potential contact wy Strain; Slips/trips/ lines (4) PPE is modified leve in the breating 2 warming breaks as	impacted soil a falls; electrical D w/ Lyreke one w/ PID appropriate	water; breathing of shock; noise; consist of appoint a hearing of driller to inspect the	impacted vapers; musy, old weather effects; pressur protections; air montoring daily + repair as needed;
ATTENDANCE: EMPLOYEE NAME (print)	EMPLOYEE:	SIGNATURE	COMPANY
Jim HARNS'S William E. Wright	1. Whint	Harris-	HARRIS DALLE.
Kinkerty jery	J. J		8 FW 50/1712
cc: K. fary a £. Kenps	24 JANOO G 1800		
IF ADDITIONAL SPACE IS RECORD ON REVERSE	•	DF/hursdink /	SIGNATURE OF PREPARER
NEGOND ON NEVERGE			DATE

SAFETY MEETING FORM (Sediment Sampling)

	2	DATE 24 JANOO
CONDUCTED BY / COMPANY 🔔	DE / tower dink / O Brien + G	ere
PROJECT NAME Solutio -	•	_
- NOSEC INAME DOJUMA	Jauge /#ea/	357 51 <u>C3 C</u>
HEATHER <u>Clear</u>	PRESIDENTATION None	
NUMBER OF HOURS WORKED	NUMBER OF	FEMPLOYEES
1. SCHEDULED WORK:		
	RIATE SECTION OF FSP & HASP	
3 HEALTH AND SAFETY ISSU	JES WITH SCHEDULED WORK:	
	ETY ISSUES REQUIRING ATTENTION	N°
5 COMMENTS:		
(1) Soliment sanding	+ sed depth measurement	-
(2) FSP = 5.20	HASP # 2.9	
B Polential contact	3/ :	and the first of
Le Mes : Sins /	with impacted sediment + L	down the bank; muscle strain;
cold weather affects	THE TARE LAND OF	DOUR THE DANK; MASCRE STEEN,
(4) PPE is level D wil	the subject books or waders (depending on creek conditions) and resistant gloves, air monitoring in
trucks or aprens	during sampling, chemical	resistent aloves, air monitoring in
Dreathing ZONG USI	my the MD. life wests in a	veter over 2 ft. day; warming
breaks as appropria	re	
5 Sporegate Waster	asoss equilibries la fre legione	creek doing with courting in the
area. Smoking in	support vehides only	creek, drive with coution in the
	"	
177718		
ATTENDANCE EMPLOYEE NAME (prot	EMPLOYEE SIGNATURE	COMPANY
		RFW
Colin Wellenking	o The Wellows	1 026
Aden & Kaisa	My / Lane	086
Ban AFGER	n. to the	mausicic
- Musen Then	fun 12	SO/VTA
dich Carpins	(Mich Our him)	086
The years	- Jane Garans	000
cc: K. Ferry	24 14/00	
E. Fempe-	€ 1800	
IF ADDITIONAL SPACE IS R	EQUIRED DF House	dat 1 De Hans
IF ADDITIONAL SPACE IS R		dak Jellandon ED NAME / SIGNATURE OF PREPARER
	SIDE PRINTE	ED NAME / SIGNATURE OF PREPARER
	SIDE PRINTE	

WORK FORECAST

Work Forecast for the day week: 25 JANOO Date: 24 JANOO
Project Name: Solutia - Squgat Area! Project Location: CS-E, background loca
Company Name: D' Brien & Gare
1. List Work Items and Locations Scheduled for Next Day Week:
· Dump states soil strong from drums into
roll-off at Judith Lh. Wask staging usea
· Continue collecting sed. semples + performing sed, depth measure ments in CS-E
· Continue collecting upgradient GW sample at EE-20
Begin background soil sampling and upgrad. GW sampling at "substituk EE-04"
CC: K. Parry 2414WOO
E. Kemper C 1800
DEHavodnHDE Havodin 24JANDO
If ADDITONAL SPACE IS REQUIRED, Name/Signature/Date of Freparer

If ADDITONAL SPACE IS REQUIRED. **RECORD ON REVERSE SIDE**



Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time in	Time Ou
14/10	Kimbert 7 Pr.	>6 4/12a	314-6 74-3402		1310
1/24/0	Hury Asheraft.	CAROKIA 12.10		6.50	1700
1/2/21	Tiste desco	JB C	34-240-6433	0700	A CO
1-24	Nove Hoverdink	<i>05</i> 0	374- 780-6435		18:45
1.24	MULL ANTECKTO	MUERICK		0700	1700
1/24	1 1. K 41%	A 17	21/5 2455		18:40
34/-23	, O. IN PRECENCIA	6 17 C	1.12·45S5	らると	18:45
-24-02	William Eileright	6.5 6	3:50-6434	07/0	
1-74-60	Jum HARRISS	ARRIES DRILLING	616-539-3170	0845	
124-00	Mek tentine	UN C	314 542 4550	1200	18:44
				<u> </u>	
				<u> </u>	<u> </u>
	· · · · · · · · · · · · · · · · · · ·			I	

SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print) CS-E creek sad samp.

将7.		me Organization Phone # Time in Time Out					
76	Name	Organization	Phone #	Time in	Time Out		
125	Eickkerin	RFW		KYC	1026		
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			â.		川野湖		
						I	
					3.14		
					Fig.		

PREPARATORY INSPECTION MEETING

Conducted by/Company: DE Have dink 10 Brien + Gare	Date: 24 JANOU
Conducted by/Company: It Have die O'Brien + Gere Project Name: Souta - Sunger Area Task: Project	rund in sumples
1. Scheduled Work:	
2. Equipment, Procedures, Personnel:	
3. Ref. To App. Sec. of FSP/HASP:	
4. Issues that could arise and how to resolve:	
5. Solutia comments:	
6. EPA comments:	
(1) Collect / surface sample and / subsurface sample background (upgradient) ground water sampling; 6	le of soil at locations of total samples
hand augus, by ODG personnel: En Core sample from in Subsurface samples collected from 3-6ft w/ Macrol	bowis + specks possibly
hand augus, by OBG personnel; En Core sample from in	-place soil
· Subsurface sumples collected from 3-6ft w/ Macrol	are sumpler and direct push
technology by Harriss and OBG; sample composited in	1/ stainies stal bouls + spai
EnCore sample from top of sampler (31)	
3 FSP# 5.19; HASP# 2.8	
1 Incomplete recovery > step over to an adjacent location and	Collect again
(A p	
5) Restone disturbed areas	
7	
4 Soil samply will take place concurrently with upgins	1-GLI sampling
ATTE OBANCE.	COMPANY
EMI EOTEE MANE (pilli)	JONE ANT
	ma = = = = = = = = = = = = = = = = = = =
The Copper 19	MAKKIKK
HIM HARRIES CONTRACTOR	MALZISS VAICING -
- William E. Wright William Calificator	000
Extra Comment	KIU.
Markey leng Kluby for	Solutia
IF ADDITIONAL SPACE IS REQUIRED, DE Have dink L	D9 8/2 11
RECORD ON REVERSE SIDE PRINTED NAME	SIGNATURE OF PREPARER
CC: K. Perty 24 JANOO 24 JANOO	
E 1/2 MAD (0 / X/D)	DATE

DAILY WORK LOG

DATE 25 SANOO

PROJI	ECT NAME Solutia -	Sauget A	<u>ea/</u> =	ROJECT LOCATION	(S-E, EE-20,	Julia La
NEAT	THER cloudy & windy	2	RECIPITATION	none	TEMPERATURE	-25°F
NUMB	BER OF HOURS WORKE	o <u>55.9</u>	2	UMBER OF EMPLO	YEES <u>6</u>	
1 11	EMS WORKED ON (ITE	M NO. DESCR	RIPTION, STA.	O STAL FOREMAN)	
	NSTRUCTIONS RECEIVE					
	NSTRUCTIONS RECEIVE	D FROM USE	PA		····	
	EVIATIONS					
	ISITORS (NAMES & TITL	.ES)				
	QUIPMENT					
	UNCH MEETING COMMI					
	INUSUAL EVENTS (FIRE	FLOOD, STC	RM LABOR DI	SPUTES ETC.)		
<u> </u>	REMARKS:					
7		- A/-	• // /	1 (15,620	11 11 11	, -
(1)	at 519 in	. Samples	in Wit a	F 312-320	; collected field	dup.
	- [11:10	<u> </u>	1 Mas +	FE - 75 .1 00.	101.61	
	- Collected up	19r. 66 3	ample as	E-20 at 41.	101 + bg	
	during lear all	um dump	ng of Soil	arums ar Ju	101 fbg dith Ln (into roll a	017 bir)
	AUMDEG / EUR	762	REMAINING OU	uns were no ze	^	
2	K. Perry approved	1 /xution	of EE-04	substitute 6.	1 sumple + back gr.	soil sam
(3)	None				<u> </u>	
7 5	None					
	7000					
(3)	Soe visitors log					
	J					
6	beauthe ria. d.	NUM HUMA 6	29.112. 5/10	ost vehicles	sampling equip. , Has	60 4 B
<u> </u>	monitoring og a	D.	Jag Dap	, , , ,	and the same	E AF
7)	None					
8	None					
9	None					
	CC: K. Perry	25	ANOU			
	E. Kemper	G	/800			
						
						
			 _			
	C 4 DOITION 41 - CO4 CC 10	י פרטוייטפר	TX.	Haves don't De	2/1 1/251	1110
	F ADDITIONAL SPACE IS	, אבעטואבט,	- 		GNATURE OF PREPARE	· accor

CHANGE FAMILY CRELOG WIS

SAFETY MEETING FORM
(Upgredient GW samp. & background soil samp.)

CONDUCTED BY / COMPANY : 2	+ soil drum	dump) O'BHEN +Gere	DATE <u>25 JAN 00</u>
PROJECT NAME <u>Solutia - Saug</u>	,		EE-20 EF-04 replacement Juli Ha
NEATHER <u>Clear</u>		TION <u>none</u>	
NUMBER OF HOURS WORKED		NUMBER OF EMPLOYS	ES
1 SCHEDULED WORK: 2 REFERENCES TO APPROPRIA 3 HEALTH AND SAFETY ISSUES 4 SPECIFIC HEALTH AND SAFET 5 COMMENTS: (1) Upgradient GW samp = (2) FSP # 5.16.5.19; (3) Potential contact w/ is strain; slips/ Hiras/ to falling objects (3) PPE is medified level in the breature zone	S WITH SCHEDUL Y ISSUES REQUIR back ground so HASP # 2.6 mpacted soil + Talk; election	ED WORK: RING ATTENTION Dil Samp , soil di 2.8 Water : breathing of coslock : noise : pr	impacted vapors: muscle essured lines; overhead
			rive w/canton uround
EMPLOYEE NAME (print)	EMPLOYEE S	SIGNATURE	COMPANY
how I waster	//- }	A Still	MAVERICI
Kinker 7/en	- Late	1111	57.77
Jim Hageiss !	The state of the s	Farme	HARRIST DRILLING
14 180850	ASI Y.	he p	066
William E. Wight	Millian	christ	000
NRK Jenkers	1906	A ON OCCU	086
Dien Vestides	1,/10,44	The Debugger	
CC: K. Perry 2 E. Kemper	S MNOD 0 1800		
IF ADDITIONAL SPACE IS REQ RECORD ON REVERSE SI	•	DE Haverdink / SE PRINTED NAME 1: 25 JAN	SIGNATURE OF PREPARER
			UNIC

SAFETY MEETING FORM (sediment sampling)

	(SEAL MORT.	sampling)	DATE 25 JANOG)
CONDUCTED BY / COMPANY	DE Haverdink/	O'Brea + Gare		
PROJECT NAME	Sauget Areal	_ PROJECT LOCATION	US-E	
			TEMPERATURE 1	
NUMBER OF HOURS WORKE	D	_ NUMBER OF EMPLO	YEES	
1. SCHEDULED WORK:				
2 REFERENCES TO APPRO				
3 HEALTH AND SAFETY! 4 SPECIFIC HEALTH AND S				
5 COMMENTS		MICHO ATTENTION		
D Soliment sump	ing + sed dep	Th measurement		
D FSP \$ 5.20	HASP	42.9		
3) Polential contes	at with impacted	sediment + Weter	Areathing of impacted	
Vapors; Slips	/ trips / fells is	to water or down	breathing of impactes the book; muscle straw	· ;
cold inather	le fects	·-·	·	
4) PPE is level D	with to be books	or waders I desending	on creek Conditions).	4
ty weks or apron	s during samplin	chemical resister	on creek conditions) a or gloves, air moniforim over a fit deep; warm	9 12
breathing ZOAR 1	esing the PID. To	e yests in- Weter	over 2 ft. day; varm	ng_
breaks as appl	opport			
5) Sogregate wastes	gross eguil. deco	n before leaving creek,	drive with coution in	the
asea, smoking it	support vehides con	k		
				
ATTENDANCE				
EMPLOYEE NAME (print)	EMPLOYES	SIGNATURE	COMPANY Six You	
Hon Head			MAUFRICK	
In Ipolasia	950	0, 64	086	
	CAMP B	2.0 Allalland	0136	
Nick Jenkins	The Mile	h my	oist	
Adias Krisin		of J- two	0136	
CC: K.P.	26.14	<i>/0</i> 2		
E K	enry 25 Jan			
E.A	(4 /80	<u> </u>		
	······································			
		N= //	12571 11	
IF ADDITIONAL SPACE I RECORD ON REVE		DE Haverdink O	/ SIGNATURE OF PREPARER	₹
				•
		2	SJAN 00	
			DATE	
C. Sought COG Fermit SAFLOG WPD				

WORK FORECAST

Work Forecast for the day week: 1/26/00 Date: 1/25/00
Project Name: Solution Souget- Fren Project Location: (S-E and)
Company Name: O'Brien + Gere
1. List Work Items and Locations Scheduled for Next Day Week: - Continue port forming sediment depth mersurement + collecting sediment samples CS-E
- Possibly moves to CS-D.
= C. 11-c + buckground soil semples and up gradien + water samples at EE-04 (Sub).
CC: K. Perry 25 JANOD E. Kemper @ 1800
If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE Add Name/Signature/Date of Preparer Record on Reverse Side

SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time In	Time Out
h5/90	Funtered 7 ferry	Solution	3146-674-340	0637	1215
1/250	> Kenlafterty	MAUCRICK		455	1800
45/12	William E Wind	0:56	314-280-6434	0760	60 BC
25/00	Dave & Hover Link	0136	314-281-6434	NO	1500
125/00	Colin Wellenkamp	086-	34- 442-4 951	1700	1500
1/25/00	Adam Kalser	NISC	314842-45571	otov	1500
1-25-00	Nick lenkins	086	314 842 4550	0700	1500
1-25.00	Brent Kessinger	HARRISS DRILLING	314-388 3500		0730
1-25-00	Jim HARRICS		618-139-317	700	1500
	Tim Tedesco	OB 6		0740	1030
1-52		CAHORIA P.D.	614-337-1545	0850	1700
	Candy Morin	Illinois KPA	317-785-9397	1140	13:45
1/25/00	Michelle Tebrugge	Illinois FRA	217/524-4875	1140	13:45
	//		·		
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L				<u> </u>	<u> </u>

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	094	
PROJECT	DATE	025 January, 00	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.	-	
CONTRACTOR	WEATHER	Cloudy, Temp. 25°F	
O'Brien Gere			

CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: Continue sampling Creek Segment E
- 3) Background Sampling: OBG collected upgradient water sample near EE-20 at 100ft.

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Ice, cold weather, and deep water are hindering sampling efforts.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO \underline{YES} finding of fact?

- 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.

Information on progress of work, causes for dematerial, etc.	lays and ext	ent of delays, weather	, plant,
1) Sample location 35 in CS-F was not taken due be skipped until further notice.	e to no sedi	ment recovery. This st	tation will
Information, instructions or actions taken not	covered on	QCR report or disagree	ment:
1) None			
SAFETY: (Include any infractions of approved safety Government personnel. Specify corrective			uctions
1) None			
	-11		L .
REMARKS: (Include visitors to project and misce Steve Brodman is at Savannah Labs sorting samp.		<u>-</u>	
trip report after he returns which will be inc.			
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
Ell-	01-25-00		

WESTON Oversight Summary

Ecological Sampling Solutia, Inc.

Sauget and Cahokia, Illinois

Weston performed oversight during the Ecological Sampling (Sample Processing) effort performed 24 January 2000 through 26 January 2000 by Menzie Cura. Steven Brodman was the Weston representative oversight personnel present at Savannah Labs located in Savannah, Georgia. The objective of Menzie Cura was to identify, group and process species collected during the October and November collection activities. Westons objective was to observe sample processing procedures collect documentation and split approximately 10% of the samples submitted by Menzie Cura and have them analyzed by an independent laboratory.

The chemical data for the biota sampling is to be used in the Ecological Risk Assessment and the fish fillet data are to be used in the Human Health Risk Assessment.

The following is a summary of the sample processing performed by Menzie-Cura at Savannah Labs.

1. Vegetation samples were left frozen in the original containers they were collected in. Weston collected two split samples from the vegetation samples submitted. One split was collected from location CS-B and one split was collected from location CS-E. The following are the ID's used:

PTISS-B-3 PTISS-E-1

2. Freshwater snails were submitted as Macroinvertabrates for the following locations:

CS-B CS-C CS-D REF-1

Ref2-1

Weston collected one split from location CS-D (Sample ID SNCS-D). Freshwater Clams were submitted from the Borrow Pit and Reference areas 1 and 2-2. Weston also collected one split sample from the Borrow Pit (Sample ID CLAMBP-3 COMP-01). Both sets of samples (snails and clams) were composites of multiple individuals, see attached spreadsheet.

- 3. Freshwater Shrimp were submitted as samples instead of Crayfish. Three composite samples were submitted. One from the Borrow Pit, one from Reference area 1 and one from Reference area 2. Sample weights on these composites were minimal at best therefore Weston was unable to collect a split sample for the Shrimp.
- 4. Forage fish composite samples were submitted for the Following areas:

CS-B 1 composite

CS-D 1 composite
Borrow Pit Lake

Borrow Pit Lake 3 composites Reference Area 1 2 composites

Reference Area 2 2 composites

Weston collected a split at location CS-D (Sample ID FFCS-D COMP-01)

Forage fish were opened from the original sample bags, defrosted, enumerated, sorted and grouped into composite samples. Green sunfish were used as the forage fish species.

- 5. Bullhead Catfish were submitted as samples for a medium bottom feeder fish. Samples were collected in all areas identified except for Reference area 2 where only one bullhead was caught. It was submitted as an individual. Weston collected a split sample of the catfish at the Borrow Pit Location (Sample ID BBBP COMP-01). These fish were submitted as whole body's. They were removed from the freezer, thawed, enumerated and metrics were taken (see spreadsheet).
- 6. Large Mouth Bass were submitted as samples for the sample type (Large Predator Fish). Three composites were submitted from the Borrow Pit, two from Reference Area 2, and Two from reference area 1. Weston collected a split sample from the Borrow Pit Lake Location (Sample ID LMBBP COMP-03). These samples were submitted as whole body's. They were removed from the freezer, thawed, enumerated and metrics were taken (see spreadsheet).
- 7. White Crappie were submitted as samples for the sample type (Game Fish). Three composites were collected from the Borrow Pit location, one composite from Reference Area 1, and 3 composites from Reference Area 2. These samples were submitted as fillets instead of whole body samples. Weston collected 1 split sample at the reference 2 Location (Sample ID WCREF2 COMP-02). A split was collected here rather than a site specific location because there was not enough sample mass in any of the other composites.

Weston proposes to use Pacific Analytical to analyze the splits, for all of the same parameters as Menzie Cura.

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	· · · · · · · · · · · · · · · · · · ·	
	REPORT NO.	095
PROJECT	DATE	026 January, 00
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.	
CONTRACTOR	WEATHER	Cloudy, Temp. 22°F
O'Brien Gere	,	

CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: Continue sampling Creek Segment E
- 3) Background Sampling: OBG collected soil sample for the EE-04 substitute at the ball field. (instead of Rogers Cartage)

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Ice, cold weather, and deep water are hindering sampling efforts.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO \underline{YES} finding of fact?

- 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Sample location 35 in CS-F was not taken due to no sediment recovery. This station will be skipped until further notice.

			<u>.</u>
Information, instructions or actions taken not 1) None	covered on	QCR report or disagree	ment:
			<u>:</u>
SAFETY: (Include any infractions of approved a From Government personnel. Specify corrective			uctions
1) None			
REMARKS: (Include visitors to project and misc	cellaneous re	emarks pertinent to wor	k.)
A meeting with Mike McAteer, Candy Morin, Mike were mostly about Sauget Area 2 and Solutia's the EPA's help with access issues on the Wiese could to help.	involvement	in Site Q. Salutia di	d ask for
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
Elkoupe	01-26-00	!	
<i>V</i>			

DAILY WORK LOG

DATE _26 1/100_

PROJECT NAME Solution Sauget Area! PROJECT LOCATION Et-04 sub. + CS-E
WEATHER <u>clears</u> PRECIPITATION <u>now</u> TEMPERATURE ~25°F
NUMBER OF HOURS WORKED 55.5 NUMBER OF EMPLOYEES 6
1 ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN) 2 INSTRUCTIONS RECEIVED FROM SOLUTIA
3 INSTRUCTIONS RECEIVED FROM USEPA 4 DEVIATIONS 5 VISITORS (NAMES & TITLES)
5. EQUIPMENT 7. LUNCH MEETING COMMENTS:
8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) 9. REMARKS:
(1) - (allected sed. samples in CS-E at S21-525; collected MS/MS) at S24 in CS-E
Collected surface + subsurface soil samples at EE-04 sub; collected field dup. for surface sample
2 None 3 None
(5) See visitors log
6 Geograp support vehicles, monitoring equip, samp equip,
(7) None 8) None
(V) None
E. Kemper 0 1830
IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE PRINTED NAME / SIGNATURE OF PREPARER / DATE

SITE VISITOR LOG

ETETTTTTTTTT

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time In	Time Out
1/24/0	Finded-1 Pros	ントラス	314-674-3462		
1-26-00	William E. World	086	314-281-6434		1830
1-24	Drive Howerenk	OBG	34 260 -6425		1830
1-24	Kent Dury	IMAUSEICIC	314542 450	0705	1330
1-21,	ile & Jank ins &	Lisc	214 8 42 485B	0700	1530
1-21	Dem kin'ser	0136	314245 4250		
1-7.12	2110 Wellencump Jim MARRISS	いらん	3,4 542 4550	1700	1330
1-2/	JIM HARRISS	HARRISS Delicing	617.557-3126	0730	16:30
1-76	TheTeliste	036	B181.720 C133		0830
	c. l.m	Dir (iv		394	450
/	Je 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C. M. K. F. D.	11853 65500	20-	17:30
1-36	111 ke 121 /4 teer	IMMOIS EPA	7(10-190-	1145	1530
1-2600	Cardy MORIN	III(101) EPA	217 145 1897	1145	19 30
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SAFETY MEETING FORM

	(Upgradient GW somp. 460		DATE 26 JANOO
CONDUCTED BY / COMPANY :	DE Harrodink O'Bries	46ere	
PROJECT NAME Solution S	auget Area/ PROJE	ICT LOCATION	EE-04 substitute
WEATHER <u>Clear</u>	PRECIPITATION	Mone	TEMPERATURE ~/
NUMBER OF HOURS WORKED	NUMBE	ER OF EMPLOYE	ES
1. SCHEDULED WORK:			
	PRIATE SECTION OF FSP & HASE		
3 HEALTH AND SAFETY ISS	SUES WITH SCHEDULED WORK:		
	AFETY ISSUES REQUIRING ATTE	NTION	
5 COMMENTS			
(1) Hamidiant GIL sama	. & back ground soil samp		
C Oppraire SW 2AP	- our ground 3817 Samp		
2 FSP # 5.16.5.19	: AASP # 2.6 2.8		
(3) Potential contact is	If impacted soil + Water:	breathing of	impacted vapors; Mu.
Strain slips/ trips	of falls; electric shock;	, noise ; pre	sinced lines; cold
weather effects			
4 PPE is modified to	evel D W/ tyveks or apron- ne W/ P/D; driller to s eppropriate	s & hearing	protection; air monit
in the breathing 20.	ne w/ PID; driller to	inspect 119	daily & reparas needed
warming breaks as	s oppropriate		
-			
			, ,
(5) Sourceate wastes:	smoking in support relicle	er only; do	ive w/ caution around
(5) Sogregate wastes; the area	smoking in support vehicle	er only; dr	ive w/ canton around
(5) Sogregate wastes; the area	smaking in support vehicle	er only; dr	ive w/ canton around
(5) Sagregate wastes; the area	smaking in support vehicle	er only; di	ive w/ campon wound
(5) Sogregate wastes; the area	smaking in support vehicle	es only; di	ive w/ canton utound
the area	smaking in support vehicle	es only; di	ive w/ canton utound
ATTENDANCE			COMPANY
ATTENDANCE EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE		
ATTENDANCE EMPLOYEE NAME (print) William E. Wright	EMPLOYEE SIGNATURE		COMPANY
ATTENDANCE EMPLOYEE NAME (print)			
ATTENDANCE EMPLOYEE NAME (print) William E. Wright	EMPLOYEE SIGNATURE		COMPANY
ATTENDANCE EMPLOYEE NAME (print) William E. Wright	EMPLOYEE SIGNATURE		COMPANY
ATTENDANCE EMPLOYEE NAME (print) William E. Wright	EMPLOYEE SIGNATURE		COMPANY
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ATTENDANCE EMPLOYEE NAME (print) William E. Wright Tim Harriss Kunker Jers	EMPLOYEE SIGNATURE SI		COMPANY
ATTENDANCE EMPLOYEE NAME (print) William E. Wright Tim Harriss Kunker Jers	EMPLOYEE SIGNATURE SI		COMPANY
ATTENDANCE EMPLOYEE NAME (print) William E. Wright Tim Harriss Kunker Jers	EMPLOYEE SIGNATURE SI		COMPANY
ATTENDANCE EMPLOYEE NAME (print) William E. Wright Tim Harriss Kunker Jers	EMPLOYEE SIGNATURE Allegation Africant La JAN 00 C 1830		COMPANY DAGE HARRIES DRAINS SOLUTIA MAVERICIA
ATTENDANCE EMPLOYEE NAME (print) William E. Wright Tim Harris Ilmbert 1875 PEN LARRENT CC: K. Perry E. Hemper	EMPLOYEE SIGNATURE ALL HOLL C 1830 REQUIRED. DE Har	verdint / De	COMPANY OSC HARRISS DRAIM; SOLTIZ MAVERICK Blumbar
ATTENDANCE EMPLOYEE NAME (print) William E. Wrighof Tim Harris Minder Perso MEN LARFORT CC: K. Perry E. Hemper	EMPLOYEE SIGNATURE ALL HOLL C 1830 REQUIRED. DE Har	verdint / De	COMPANY DAGE HARRIES DRAINS SOLUTIA MAVERICIA
ATTENDANCE EMPLOYEE NAME (print) William E. Wright Tim Harris Ilmbert 1875 PEN LARRENT CC: K. Perry E. Hemper	EMPLOYEE SIGNATURE ALL HOLL C 1830 REQUIRED. DE Har	verdint / Se RINTED NAME / S	COMPANY MARIOS DRILLING SOLTINA MAVERICA MAVERICA IGNATURE OF PREPARER
ATTENDANCE EMPLOYEE NAME (print) William E. Wright Tim Harris Ilmbert 1875 PEN LARRENT CC: K. Perry E. Hemper	EMPLOYEE SIGNATURE ALL HOLL C 1830 REQUIRED. DE Har	verdint / De	COMPANY MARIOS DRILLING SOLTINA MAVERICA MAVERICA IGNATURE OF PREPARER
ATTENDANCE EMPLOYEE NAME (print) William E. Wright Tim Harris Ilmbert 1875 PEN LARRENT CC: K. Perry E. Hemper	EMPLOYEE SIGNATURE ALL HOLL C 1830 REQUIRED. DE Har	verdint / Se RINTED NAME / S	COMPANY MARIOS DRILLING SOLTINA MAVERICA MAVERICA IGNATURE OF PREPARER

SAFETY MEETING FORM (sediment sempling)

ONDUCTED BY / COMPANY - 💆	E Haverdink /	D'Brien + Gere	DATE 200 JANOU
ROJECT NAME <u>Solutio - Sa</u>	/		CS-E
EATHER <u>Clear</u>	PRECIPITAT	ION <u>none</u>	TEMPERATURE ~/5%
MBER OF HOURS WORKED		NUMBER OF EMPLOYE	ES
SCHEDULED WORK: REFERENCES TO APPROPRIA 3 HEALTH AND SAFETY ISSUE SPECIFIC HEALTH AND SAFET COMMENTS:	S WITH SCHEDULE	D WCRK:	
Sediment sampling	+ sed. depth me	easure ment	
FSP # 5.20	HASP # 2	2. 9	
cold weather effects			e bank; muscle strain;
breathing zone using	the PID . The	chamical resistent vests in water over	n creek conditions) and gloves air monitoring in it 2 ft. deep : Warming
breaks to appropriate			
Sugregate wastes, gie agea, smoking in sup	port vehides only	before leaving creek,	drive with coution in the
ITENDANCE MPLOYEE NAME (brint)	EMPLOYEE SI	GNATHE	COMPANY
ick Jank ms	lick lend	<i>t</i> :	086
MINIPULLUKAMY		Rollbern 1	OBG
Kinten 7 Perry	1sil 1		colitice
KEN LAPPERTY	1/20/2		MAYERICK
Adim J. Kaiser		y. Live	<u> </u>
CC: K. Perry E. Kamper	26 JAN00 @ (830		
IF ADDITIONAL SPACE IS RECORD ON REVERSE S	QUIRED,	DE Haro dink / 1 PRINTED NAME IS	SIGNATURE OF PREPARER
			(*A

DATE

WORK FORECAST

Work Forecast for the day week: 127/00 Date: 1/26/6	
Project Name: $\frac{\int \partial \left(\psi^{+} \right) \left(4 + \int \partial \left(g \right) + \int \left(\frac{1}{2} \right) \left(\frac{1}{2} \right) \right) \left(\frac{1}{2} \right)}{\left(\frac{1}{2} \right) \left(\frac{1}{2} $	`-E.
Company Name: OByten - Cere	
List Work Items and Locations Scheduled for Next Day Week:	
Continue Son at dopth nessuement to) <i>(</i>
Continso sodiment depth moissiement + sing	9
Pressibilly Striting EEK 105	*Ina
·	
-	
	•
CC: 2. Perry 26 Jan 00 E. Kenper Q 18:30	
E. Kenper Q 18:30	-
	-
	-

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

Name/Signature/Date/st Preparer

Sauget Site Investigation Waste Tracking Log

Date: 26 JAN 00

Date	Site	Activity	Waste Type	Qty	Container Type	Location	Drum#	Initials
26 SAVO	CS-E	Cok sed samp adopthmen	PPE + Samp	Idrum	55galdrum	Judith Ln-	PPE 037	NEJ
			- · · · · · · · · · · · · · · · · · · ·	•				
							··· · · · · · · · · · · · · · · · · ·	
								L
			· ·-					

Notes:

Storage Tank Capacity: 4,900 Gallons

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	096	
PROJECT	DATE	027 January, 00	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR	WEATHER	Cloudy, Temp. 28°F	
O'Brien Gere			

CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: Begin sampling Creek Segment D (Weston Split CSD-S2)
- 3) Background Sampling: OBG finished soil and water sampling for the EE-04 substitute at the ball field. (instead of Rogers Cartage) and moved to the EEG-108 location (Weston split soil sample EEG-108 sub surface)

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Ice, cold weather, and deep water are hindering sampling efforts.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO \underline{YES} finding of fact?

- 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assesment.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Sample location 35 in CS-F was not taken due to no sediment recovery. This station will be skipped until further notice.

	*		
Information, instructions or actions taken not 1) None	covered on	QCR report or disagree	ment:
SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.) 1) None			
REMARKS: (Include visitors to project and misconsideral Mike McAteer visited a sediment sampling routing procedures and had no questions at that time.		_	
inspectors's signiture	DATE	SUPERVISOR'S INITIALS	DATE
	01-27-00		

DAILY WORK LOG

DATE 27 JAN OD PROJECT NAME Solution - Sauget Aren / PROJECT LOCATION (S-E+D, EE-04506, EE618 WEATHER __ Clear ____ PRECIPITATION _ NONE ____ TEMPERATURE ~28°E NUMBER OF HOURS WORKED 62 NUMBER OF EMPLOYEES 6 1 ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA. FOREMAN) 2. INSTRUCTIONS RECEIVED FROM SOLUTIA 3 INSTRUCTIONS RECEIVED FROM USEPA 4 DEVIATIONS 5 VISITORS (NAMES & TITLES) 6 EQUIPMENT 7 LUNCH MEETING COMMENTS: 8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) 9 REMARKS: allected sed. samples at 526 in CS-E and at 52-54 in CS-D Collected GW sample at EE-04 sub from 79-101 Flog and a field dup at same location Collected set surface sample and equip. blank at EEG-108 - soil · Callected subswince soil sample. MS/MSD, and split with F. Kemper at EEG-108 Re-attempt to collect sed desta reasurements and sed samples at SI in CS-D When the weather is warmer using hand auger as needed to loosen compreted. sediments at the swince None None So visitors loc Geodrobe rig support relider samp-equip. Has equip monitoring equip-None 27 JANOO C 1845

IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

PRINTED NAME / SIGNATURE OF PREPARER / DATE

SAFETY MEETING FORM
(Upgredient GW somp. & background soil samp.)

CONDUCTED BY / COMPANY : DE Havera	Int/O'Brie & Gere	DATE 27 JAN 00
PROJECT NAME <u>Solution-Sauget Areal</u>	•	EE-04 sab, EEG 158
_ 1	DIPITATION ADAR	
NUMBER OF HOURS WORKED	NUMBER OF EMPLOYE	ES
1 SCHEDULED WORK: 2 REFERENCES TO APPROPRIATE SECTION 3 HEALTH AND SAFETY ISSUES WITH SCH 4 SPECIFIC HEALTH AND SAFETY ISSUES R 5 COMMENTS	EDULED WORK: EQUIRING ATTENTION	
(1) Upgradient GW samp + back grow		
2 FSP # 5.16, 5.19; RASP #		
(3) Potential contact w/ impacted s strain; slips/ HHAS/ fells; el effects	cil + Water; breathing of ectric shock; noise; pro	impacted vapors muscle essurized lines, Cold wearks
9 PPE is modified level D w/ ty in the breathing zone w/ PID worming breaks as appropriate	veks or appears . hearing , driller to inspect rig	protection; air monitoring daily + repairs needed;
(5) Sagregate wastes; smoking in the area	support vehicles only; di	The M/compon ground
ATTENDANCE: EMPLOYEE NAME (print) EMPLO	YEE SIGNATURE,	COMPANY
William & Wright Stalks	in Elifight	HARRISS DRILLING
Fember 7 Sery		501010
(C: K. form ?738N00 E. Kemper (2.1845		
IF ADDITIONAL SPACE IS REQUIRED. RECORD ON REVERSE SIDE	DEHavedne / DE PRINTED NAME / S	SHOWER OF PREPARER
	27 SANOC)
	:	DATE

SAFETY MEETING FORM (sediment sampling)

CONDUCTED BY / COMPANY DE	Harrank /	O'Brien & Gere	UAIE <u>&</u>	77,000
PROJECT NAME	iget Area/	PROJECT LOCATION	ON <u>CS-E + 1</u>	٥
NEATHER	PRECIPITAT	ION MORE	TEMPE	RATURE ~ 23 %
NUMBER OF HOURS WORKED		NUMBER OF EMPL	OYEES	
SCHEDULED WORK: REFERENCES TO APPROPRIATE				
3 HEALTH AND SAFETY ISSUES 4 SPECIFIC HEALTH AND SAFET 5 COMMENTS				
1 Sodiment sempling .	sed depth	measure ments		
D FSP \$ 5.20	HASP #	Z. 9		
D Polential contact will vapous; slips / trip cold weather effect	th impacted into	sediment + water o water or down	; breathing with bank; M	f impacted uscle strain;
TOTALLE OF APPROPRIATE OF APPROPRIATE OF APPROPRIATE DESCRIPTIONS AS APPROPRIATE OF A APPRO	subject books of wring sampling the PID . It's	- waders (desend	line on creek co	enditions)
Sugregate wastes, gres area, smoking in suff ATTENDANCE	os equipo decon	he fore leaving creek	drive with	coution in the
EMPLOYEE NAME (print.	EMPLOYEE S	7/1000	CON O S	PANY
(ALEN TAMPSON	Se Cat Land	Thypre	C P	ro D
COURS WESTERNAME	Coli	Wellshop"		ne
CC: Katones E. Klaper	27 NNW C 1845			
IF ADDITIONAL SPACE IS REQUESTED ON REVERSE SI	·	DE Havesdink PRINTED NAM	SE Have	A Lon (
			SAN 00	- v + 14pp
			DATE	

SITE VISITOR LOG

Solutia Inc.
Sauget Area 1
(Please Print)

Date	. Name	Organization	Phone #	Time in	Time Out
Nam D	HAIDING PULLS	12 CBC	シリトトノリートノキ	06.55	1237
1427	Davi Howar link	<i>(56</i>		0700	1100
727	Bul Wright	056		2702	1900s
1-27	Deren Thomas son	0K		1700	1700
1.27	Deren Thompson Ling Claren HAT Hilly Kaises	Mhalle Pele Don	18551405	67 W	4:30
1/37	H. Yon Kaises	C.S.C	8+7.4554	07:15	
1-27	Tim HAR2155	HARRISS DRIVING	6,2.53,3120	745	1700
•	5-1.Km	RFUL	<i>)</i>	3345	
7-12	Do I Weye NAMI	OB 6	714-280-6473	0400	1700
1-77.0	Do I Waye NAMA	111/2-	142-4550	でりり	1900
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SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)



							
T I I	Name	Organization	Phone #	Time In	Time Out		
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	Eck Horas	RFW		315	2.4 专属		
100	Mke Multeer	US EPA		315	340		
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WORK FORECAST

Work Forecast for the day week: 28 UNOO Date: 27 JANOO
Project Name: Solutia - Sanget Area / Project Location: C5-D, FEG-108
Company Name: O'Brien + Gere
1. List Work Items and Locations Scheduled for Next Day Week:
· Continue sed depth measurements and sed sampling in
* Collect GW sample (s) at EEG-108
·
CC: K. Perry 27 JAN 20 E. Kemper @ 1845
Ithererding DE Howening 27 SANOO

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

Name/Signature/Date of Preparer

WORK FORECAST

Work Forecast for the dayweek? 31 JAN 00 Date: 27 JAN 00
Project Name: Solutio - Sauget Area / Project Location: Sauget / Cohokia
Company Name: O'Brien + Gere
1. List Work Items and Locations Scheduled for Next Day Week:
Continue sed depth measurements and sad sampling in Dead Creek
· Potentially continue collecting GW sample (s) at EEG-108
· Potentially lay out trench locations at Site N and office interior trench locations
· Potentially ship samples to Thompson
· Potentially check shallow slug test piczometris for Water depth
-

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

Name/Signature/Date of Preparer

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WII	ILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	097		
PROJECT	DATE	028 January, 00		
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.			
CONTRACTOR	WEATHER	Cloudy, Temp. 27°F		
O'Brien Gere				

CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: Continue sampling Creek Segment D
- 3) Background Sampling: EEG-108 location (Weston split water sample EEG-108)

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Ice, cold weather, and deep water are hindering sampling efforts.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO \underline{YES} finding of fact?

- 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Sample location 35 in CS-F was not taken due to no sediment recovery. This station will be skipped until further notice.

Information, instructions or actions taken not 1) None	covered on	QCR report or disagree	ment:
SAFETY: (Include any infractions of approved s From Government personnel. Specify corrective			uctions
1) None			
REMARKS: (Include visitors to project and misc	ellaneous re	emarks pertinent to wor	k.)
			:
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
Cillary	01-28-00		

DAILY WORK LOG

DATE 28 JANOO

PROJECT NAME Soluta - Sauget Area / PROJECT LOCATION CS-D, FEG- 108 WEATHER Cloudy PRECIPITATION NONE TEMPERATURE -27°F NUMBER OF HOURS WORKED 40-5 NUMBER OF EMPLOYEES 6 1 ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN) 2 INSTRUCTIONS RECEIVED FROM SOLUTIA 3. INSTRUCTIONS RECEIVED FROM USEPA 4 DEVIATIONS 5 VISITORS (NAMES & TITLES) 6 EQUIPMENT 7. LUNCH MEETING COMMENTS: 8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) 9 REMARKS: D. Collected sed. sample from 56 in CS-D: staked remaining locations for sed. depth measurements in CS-C+B.

* Collected GW sample from 59-61 flog at EEG-108; also collected MS+MSN + Proposed creek sed. supplies for future sampling Verbal approval received to use precleaned pick or other similar tool to break up frozen sediment prior to sampling - Brace Yare None None See Visitors log Geoprobe rig, samp equip., Has equip., monitoring equip., support relies None None Nine 28120 10: C. 1750 DETANGLICATION DE RANGEM / 28/WOO
PRINTED NAMEY SIGNATURE OF PREPARER / DATE IF ADDITIONAL SPACE IS REQUIRED,

RECORD ON REVERSE SIDE

<u>.</u>

SAFETY MEETING FORM (sediment sampling)

	(Sent Man Sempling)		DATE 28 1400
CONDUCTED BY / COMPANY:	E Harodink / O'Brie	n + Gere	
PROJECT NAME Solution - Sac	iget Area/ PROJ	ECT LOCATION	C5-D
VEATHER <u>Cloudy</u>	PRECIPITATION	none	TEMPERATURE -20°F
:UMBER OF HOURS WORKED	NUME	BER OF EMPLOYEES	
1. SCHEDULED WORK:			
2. REFERENCES TO APPROPRIA	TE SECTION OF FSP & HAS	SP:	
3 HEALTH AND SAFETY ISSUES			
4 SPECIFIC HEALTH AND SAFET	Y ISSUES REQUIRING ATT	ENTION:	
5 COMMENTS:			
D Sodiment sampling +	- sed. depth measure	ment	
D FSP \$ 5.20	HASP # 2.9	· · · · · · · · · · · · · · · · · · ·	
3) Palential contact wi	th impected seliment of fells into water	+ wefer; b	mething of impacted
cold weather effects	p / tells into ware	TO ADUNTAL	MUSCIE SHAIR;
4) PRE is level D with	cubber books or wade	rs (depending on	creek conditions) acts, over , air monitoring in 2 ft. deep, warning
typeks or aptons de	uring Sampling, chem	ical resistent gli	oves air monitoring in
breaks as appropriate	The PID , lite years	IN- WERE OVER	att. duy, warning
^			
5) Somegate waster pros	is equip- decon before !	easine creek dr	We with coution in the
5) Sugregate waster, growing in sup	20st relides only	7	
ATTENDANCE			
EMPLOYEE NAME (print)	EMPLOYEE SIGNATUR		COMPANY
Adam J. Kaise-	Ath H. Kous	4	036
DARON Thumpson	- Que t	Tropina	One
1204 LABBER JR	Mon Litel		CAA. POL.
Could be WARAMP	15th P. 101	200	086
that Jose Kins	diele Va Bend	maj ?	086
	- Joseph -	<i>y</i>	
	·		
CC: K. Peny	2814400		
F. FEMOR	e 1770		
	<u> </u>		·····
	2- /		
IF ADDITIONAL SPACE IS REQ	UIRED, JE/fa	resdink / 22	Haverled
RECORD ON REVERSE ST	DE P	PRINTED NAME / SIG	NATURE OF PREPARER
		28 JA	¥00
			ATE

SAFETY MEETING FORM

(Upgradient GW samp. & background soil samp.)
DATE 28 LANDO CONDUCTED BY / COMPANY: DE Haverdink/ O'Diren & Gere PROJECT NAME Solutia - Sauget Areal PROJECT LOCATION EEG-108 WEATHER <u>cloudy</u> PRECIPITATION TEMPERATURE ~20% none NUMBER OF HOURS WORKED NUMBER OF EMPLOYEES -1 SCHEDULED WORK: 2 REFERENCES TO APPROPRIATE SECTION OF FSP & HASP 3 HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK: 4 SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION 5 COMMENTS Upgradient GW samp & back ground soil samp HASP # 2.6 2.8 Potential contact wil impacted soil + water: breathing of impacted vapors; muscle Strain: Slips/ HYAS/ fells: electric shock: noise weather offert PPE is modified level D w/ typeks or appears a hearing projection; air monitoring in the breathing zone w/ PID; driller to inspect till daily a repairs needed: warming breaks as appropriate Sogregate wastes; smoking in support vehicles only; drive w/ cantion around ATTENDANCE: EMPLOYEE SIGNATURE COMPANY EMPLOYEE NAME (print) IIm Icoesco JIM HARRISE ARRISE DRILLING 28 YNOO cc: K. Perry DE Haverdint / DE Then IF ADDITIONAL SPACE IS REQUIRED. PRINTED NAME / SIGNATURE OF PREPARER RECORD ON REVERSE SIDE 28 JAN00

SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Down Thomas St St St St St St St S		Name ,	Organization	Phone #	Time in	Time Out
Day 17 72-64 SF 3 > CF Trum 123 Capt in including OBC (442-4550) OUDS 170 All All Including OBC 112-80 6435 700 715 And Italian OBC 112-80 6435 700 715 And Italian OBC 112-80 6435 700 715 And Italian OBC 112-80 0445 170 And Italian OBC 112-80 And Italian OBC 112-80 And Italian OBC 112-80 And Italian OBC 170 And Italian OBC 1			U.S. IVIL of CONL	250-6434	0650	1700
End in Neise Kint OBC (412-455) O1041 170 Add Lake Kint of BG 174-280-6435 720 171 Now Howard OBG 174-280-6435 720 171 Now Horston Other Object 175 150 Nick Jenkins OBG 318 41 4550 0845 170 Thirden Object 170 Fill Char Kru Cash K	1000	Dane 17 Thysian		393 765>	1700	1330W
Dave Hawarak		icalin well himmy	005	842 - 4550	01/04	1700
Row Laster Colored Late 715 150 Fin. Harris Harris Dr. Land Liz 5-3/-31k 7.05 150 Nick Jenkins 086 318 842 4550 0645 70 Tim obs Ord 314-370 6433 0805 096 Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Co		Allan Kuis	036	11	7:10	1700-
Row Land Land 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150		Dave Haverank	<u> </u>	314-280-6435		7104
186 Nick Jenkins 0136 314-270 (433 0805 096 170 170 170 170 170 170 170 170 170 170		ROU LASSET			715	1500
7 Thy class . Oig C. 314-370 6433 O 805 O96 C930 1700 C9		Fin. HARLISS	HARRIES Dicieny	612 5-37-318	7:05	1500
CASO FROM	150	Nick Jenkins	086	314 842 4550	0845	1700
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WORK FORECAST

Work Forecast for the day week: 31 JAN 00	Date: 28 JAN 00
Project Name: Solutio - Sauget Area / Project Locat	ion: EE6-108, CS-D
Company Name: O'Brien + Gere	
1. List Work Items and Locations Scheduled for Next Day Week:	
· Collect GW sample from ~100 fbg at	EE6-108
· Continue creek sed, depth measurements a	nd scd. sampling
CC: K. ARMY 28Shirt	
DE Haverdink /DE	Hameda /28 14,000

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

Name/Signature/Date of Preparer

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WII	LL BE ATTACHED TO OR FILED WITH THE QAR.
	REPORT NO.	098
PROJECT	DATE	031 January, 00
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.	
CONTRACTOR	WEATHER	Cloudy, Temp. 35°F
O'Brien Gere		

CQC Inspection phases attended and instruction given:

- 1) Slug Testing: all wells have been installed and developed but the Slug Tests have not been conducted for any location.
- 2) Sediment Sampling: Finished sampling Creek Segment D and begin CS-C
- 3) Background Sampling: EEG-108 location at 100ft.

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Ice, cold weather, and deep water are hindering sampling efforts.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO \underline{YES} finding of fact?

- 1) Piezometers for the Slug Tests have been installed outside the fill areas, the FSP section 5.14 indicates they will be installed at the fill areas. This issue has been brought to the attention of Tim Gouger(USACE) and Michael McAteer(USEPA). Erik Kemper (Weston) also noted the Question during the Preparatory Inspection Meeting on 12-6-99. A meeting was held with Mike Light discussing this issue on 12-15-99, see QAR # 70.
- 2) As a result of the meeting on Jan. 7, 2000 Solutia agreed to use two wells previously installed, one on Site G and the other on Site I, for Slug Tests in the fill area.
- 3) Adequate information has not been submitted from Menzie Cura to address the usage of fresh water shrimp in the risk assessment.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Sample location 35 in CS-F was not taken due to no sediment recovery. This station will be skipped until further notice.

Information, instructions or actions taken not	covered on	QCR report or disagree	ment:
1) None			
SAFETY: (Include any infractions of approved s From Government personnel. Specify corrective	afety plan, action take	safety manual or instr en.)	uctions
1) None			
······································			
REMARKS: (Include visitors to project and misc	ellaneous re	emarks pertinent to wor	k.)
Conference call with Steve Brodman, Sharon Nor Discussed Steve's trip to Savannah Labs also t the tissue samples Steve will submit a Trip Re the QA labs.	he lab arran	ngements Weston has mad	e for QA of
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
Elkeur	01-31-00		

DAILY WORK LOG

DATE 31 JANOO

= R (OJECT NAME	Solutia -	Sauget Areal	PROJECT LOCATION	ON <i>EEG-108</i>	CS-D4C
		tly doudy	•	TION NONE		RATURE <u>57%</u>
	-	/	73	NUMBER OF EMPL	OYEES 8	
1 2. 3	INSTRUCTION		FROM SOLUTIA	STA. TO STA., FOREMA	AN)	
<u>4</u> 5	DEVIATIONS	S NAMES & TITLES				
7.	LUNCH MEE	TING COMMEN	TS: LOOD, STORM, LABO	OR DISPUTES, ETC.)		
<u>7</u>	· Calle 51-	cted GW savested sed se 57 in CS-C 55 in CS-C	imples at 55.	1 fbg at FEG-10 57-54 in CS-D; cld dup- at S2	also collected	
				-		
<i>3</i>		isitors la				
<u>6</u>	None	pho rio; sam	p. drs, + moni	toring cquip; s.	appost vehicles	
8 9 —	None Used	pick ar to	break up froze	n surface sed; m	ent poor to s	a maling.
	cc: K	Perry Kemper	31 JANOS @ 1800			
_						
		NAL SPACE IS R	· · · · · · · · · · · · · · · · · · ·	DE Howardink A PRINTED NAME I	DE Homeston SIGNATURE OF PE	31 UNOO REPARERIDATE

SAFETY MEETING FORM (sediment sampling)

CONDUCTED BY / COMPANY DE Hav	resident / O'Atien + Gere	DATE
PROJECT NAME Solution - Sauget	,	C5-D+K
NEATHER <u>cloudy</u> P	RECIPITATION Snow on ground	TEMPERATURE ~/8°F
NUMBER OF HOURS WORKED	NUMBER OF EMPLOYE	E\$
SCHEDULED WORK: REFERENCES TO APPROPRIATE SECTION	TION OF FSP & HASP	
3 HEALTH AND SAFETY ISSUES WITH:	SCHEDULED WORK	
4 SPECIFIC HEALTH AND SAFETY ISSUE 5 COMMENTS:	ES REQUIRING ATTENTION	
1 Sodiment sampling + sea	1. depth measurements	
Q FSP # 5.20	HASP # 2.9	
a Polential contact with im	rpacted seliment + water;	breathing of impacted
	ills into water or down the	book; muscle strain;
	hate an independent lands	check (or dither) and
typels or aprens during	books or waders (depending a sampling, chemical resistant of D. life yests in water ove	gloves, air monitoring in
Warming breaks as uppropria	D tite yests in water ove	T & ft. deep
<u>F</u>		
area, smoking in support ve	A dean before leaving creek, a hider only	
ATTENDANCE:		
EMPLOYEE NAME (orint) EM	PLOYEDSIGNATURE	COMPANY OB 6
Adam J. Kiser	Aph 1. Zin	0 36
Mick Jenkins -	lick Genting	066
This Mylor -	10-9	
CHAD KRIETER	100-90000 T	086
Mike Keece	Mile Read	OBG
cc: K. Pary 3/ Show	00	
E. Kemper @ 1800		
IF ADDITIONAL SPACE IS REQUIRED.	DE Havordal 1 8.	5 786
RECORD ON REVERSE SIDE	DE HAVERANL / DE PRINTED NAME IS	IGNATURE OF PREPARER
	31 JAN	
		DATE

SAFETY MEETING FORM
(Upgradient GL/samp. & background soil samp.)

CONDUCTED BY / COMPANY : DE Hav	rodink / O'Brien	+Gare	DATE 3/ JANUO
PROJECT NAME <u>Solutia - Sauget A</u>		ECT LOCATION	ES-DEE EE6-108
NEATHER <u>cloudy</u>	PRECIPITATION 5	now on ground	TEMPERATURE - 189
NUMBER OF HOURS WORKED	NUME	BER OF EMPLOYEE	s
1 SCHEDULED WORK: 2 REFERENCES TO APPROPRIATE SE 3 HEALTH AND SAFETY ISSUES WIT 4 SPECIFIC HEALTH AND SAFETY ISS 5 COMMENTS	H SCHEDULED WORK	ζ:	
(3) Potential contact up impacts strain; slips/ trips/ falls	ted soil + Water	: breathing of in	mpacted vapors; muscle
intention effects	Il typeks or appear PID; driller to	ns a hearing ,	proketion; air monitoring laily + repaires needed:
ATTENDANCE: EMPLOYEE NAME (print) Millian E. Wright Lim Tedesis Tim Haariss	EMPLOYEE SIGNATUR Mingle H Mann	RE.	COMBANY ONDE OBG HARNIS SANTES
cc: K. Ferry 51 JA. E. Kempur C.	NOO 1800		
IF ADDITIONAL SPACE IS REQUIRED RECORD ON REVERSE SIDE	-, <u>-, -, -, -, -, -, -, -, -, -, -, -, -, -</u>	avedak /Se PRINTED NAME / SIG	Phone of DEEDARED

SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time In	Time Out
	Dane Haverlink	OBG	514-281-6435	0705	1745
1-3)-6	Adam Kulsu	0 B C.	842-4550	07/0	THE REAL PROPERTY.
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31/00	Mike Reece	OBG		1700	4 173
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SITE VISITOR LOG
Solutia Inc.
Sauget Area 1
(Please Print)

CS-C+D sed-samps

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	Name Mike Dagaet	Organization	Phone #	Time In	
	Mike WAGALL		337-0050	11.6.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	
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WORK FORECAST

Work Forecast for the day/week: OI FEB 00	Date: 3/ JANOO
Project Name: Slutia - Sauget Area Project Location	1: <u>CS-C, B</u>
Company Name: O' Brien + Gere	
1. List Work Items and Locations Scheduled for Next Day/Week:	
· Continue sed. depth measurements and in C5-C and C5-B	sed. sampling
CC: K. Ferry 31 SANDO E. Kemper C 1800	
E. Kemper C 1800	
DE-11 1 10=21	

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

Name/Signature/Date of Preparer